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 Only 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
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.

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...
SPACE Age Solutions

Curriculum Development

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
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

Student Financial Support

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

<table>
<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>
</tr>
<tr>
<td>Gates</td>
<td>Scholarships award full tuition and fees, travel, and a stipend.</td>
<td></td>
</tr>
</tbody>
</table>

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.

Student Partnership for the Advancement of Cosmic Exploration (SPACE)

Any comments, suggestions, or information for Research Development can be e-mailed to SPACE at space.wvu@gmail.com

If you're having trouble viewing this database, please follow this link: Research Development Database
Now: Students must look deep and find their own

SPACE: A centralized database providing useful information about various opportunities

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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>
<td></td>
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Supported by NASA IV&V and the NASA WVSGC, SPACE has had the Privilege of Forming a Student Mission Support Team

ST:M1 is a Student-Led Team that Allows the Members to Gain Actual NASA Mission Experience, While Attending School

ST:M1 Provides Real Mission Support to the AFSS Team at Wallops Flight Facility

Mission 1:
Automated Flight Safety System Progress Support

Ultimate Objective:
Provide Enough Support to Allow the AFSS Team to Participate In and Pass a Critical Mission Review
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...
Bring The SPACE Age to Your Town...

Start a New SPACE Chapter
Launch the SPACE Effect and Give the Students at Your Institution the Wright Stuff

We’ve streamlined the process for you...

- **Step #1**: Student Survey of Interest
- **Step #2**: Gather Interested Students
- **Step #3**: Draft Chapter Constitution and By-Laws
- **Step #4**: Obtain Official Student Org. Recognition at Your Institution
- **Step #5**: Begin Improving Your Institution and the Surrounding Community
- **Step #6**: Repeat Step #5 continuously

SPACE is developing Startup Packets and can send them to you... want one?
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

E-Mail: space.wvu@gmail.com