

Twenty-five Years of Space Grant



Wow!

Congratulations to Everyone



How time flies when you are having fun!

Maybe we will have cake?

Who will do the honors?

Happy Anniversary

Did you ever wonder if SG would/could make it ?

Some “off the cuff” observations

John P. Wefel

Louisiana Space Grant

Baton Rouge, LA



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1988 – PL100-147 - Title II – NSGC&F Act: **This celebration**

1989 – 21 Designated Consortia Selected: **We can party again next year**

1990 – Phase II RFP issued

1991 – 26 Program/Capability Enhance. Consortia selected – **Party in 2016?**

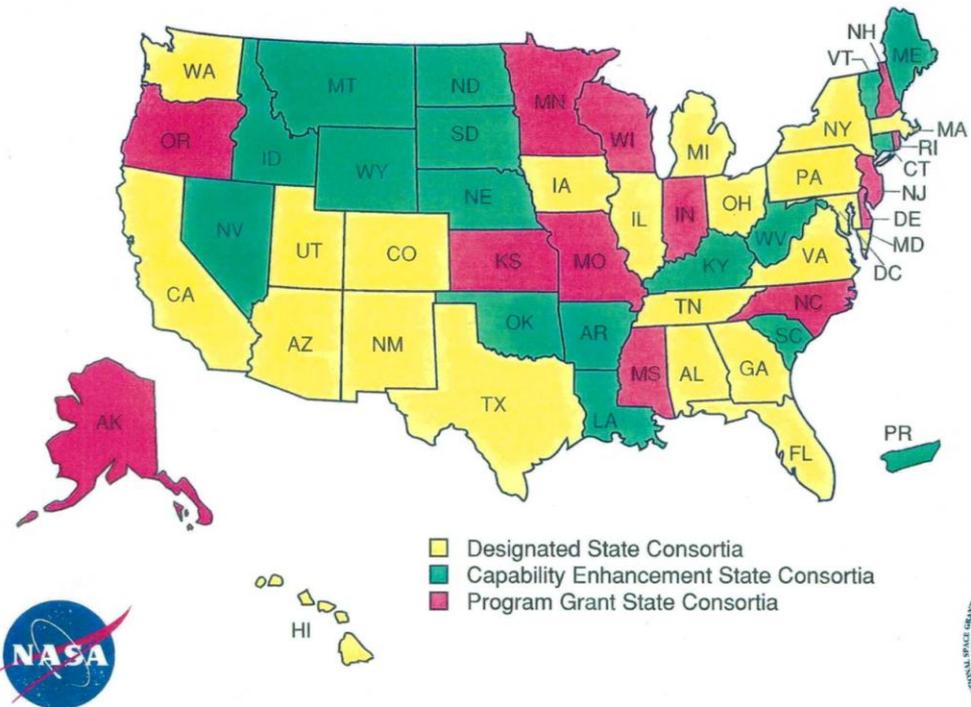
1992 – Five additional programs completes network – **Party on**

Phase II states are grateful to NASA for finding a way to be inclusive, and to the designated states for welcoming us into the fold.

And thanks to those who have supported us over the years.

Sen. Barbara A. Mikulski (D-MD) is the inaugural recipient of the new AAS Award for Public Service to the Astronomical Sciences.

SPACE GRANT CONSORTIA DISTRIBUTION BY GRANT TYPE

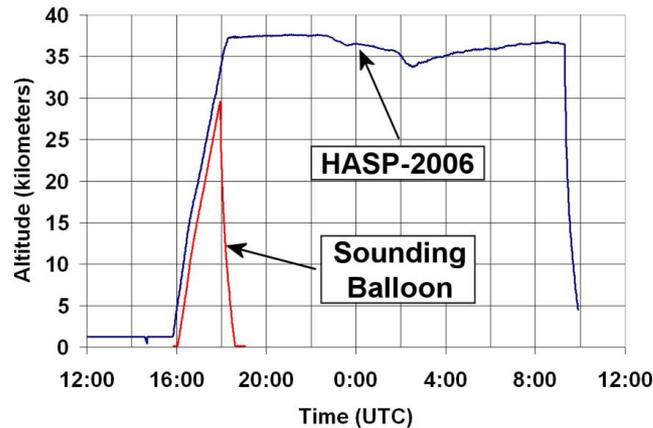


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Major Achievement: Space Grant led the way in Student Launch projects

aka “crawl, walk, run, fly” -- Mike Drake et al.

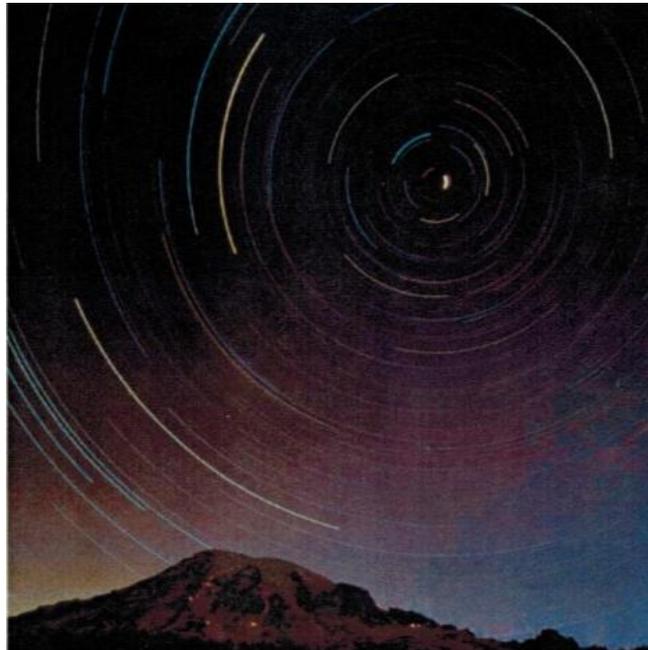
aka National Space Grant Student Satellite Program



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Achievements of which we should be proud

The Foundation



The **National Space Grant Foundation** is a nonprofit 501(c)(3) organization whose mission is to expand and enhance the capacity of American colleges and universities to carry out education, research, and public outreach activities in science, mathematics, engineering and technology, and other fields related to space, aeronautics, and earth system sciences.

Gifts to the foundation are tax deductible. Unrestricted gifts benefit all 32 Space Grant Consortia; or, if you prefer, your gift may be designated to one or more individual Space Grant Consortium. Gifts may be made in care of.

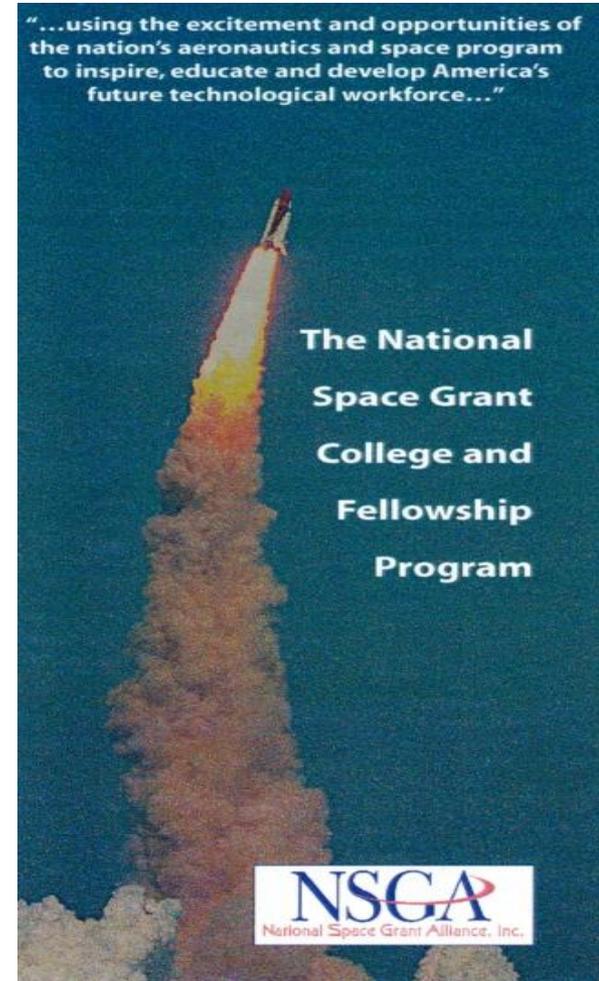


President
National Space Grant Foundation
1420 New York Avenue NW, Suite 1050
Washington, D.C. 20005

You have already heard about these important Space Grant aligned organizations from Richard and Mary plus the current status reports at this meeting.

The Alliance

"...using the excitement and opportunities of the nation's aeronautics and space program to inspire, educate and develop America's future technological workforce..."



**The National
Space Grant
College and
Fellowship
Program**



NSGA
National Space Grant Alliance, Inc.

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You have already heard from Richard Henry and Mary Sandy in their reflections, but you may not have heard **about** Richard and Mary

These two have worked ‘tirelessly’ for Space Grant from service on the National Council, Alliance Board and Foundation Board, to leadership positions as chair of the council or alliance, to congressional testimony in support of the program, to meetings with NASA people as turn-overs happened, to meetings on-the-hill when such were needed to running internship programs, competitions and the like.

We all owe them a great deal of gratitude for their efforts over so many years to make SG the program that it is today.

THANK YOU

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Now, let's look at the future

..... in light of the last twenty five years.

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Challenge: Maintaining the Network

The Space Grant network has continued to expand over the last quarter century and now stands at over 1,000 affiliates. This is a remarkable achievement for which all of you are to be congratulated.

However, the sheer numbers are cause for worry since not all affiliates can be involved in meaningful, funded programs. As resources decline or are denied to us, the situation may lead some to drop out or become inactive, with “There is nothing in SG for my institution” or similar type comments.

The challenge, therefore, is to develop methods to keep affiliate interest alive, especially in times of decreasing resources, and to ensure as wide a distribution of opportunities as possible.

For future calls to “increase the network”, caution should be invoked to see if this is really a good idea in your situation.

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Challenge: Evaluation

CMIS has come CMIS has gone OEPM is now in the land

The Lost Dr. Seuss Poem

So

Who is going to
compose an

Ode to OEPM



CMIS is the Best!

CMIS is the very best!
CMIS does my job so bless.
CMIS comes but once a year, lifting hearts in winter's drear.
CMIS is the best I said, still why a twinge of fear and dread?

CMIS does such havoc wreak, I cannot see, I cannot speak.
CMIS jumbles all my thoughts, and fills with numbers - eights and naughts.
CMIS works but not a lot, in wee small hours like 'leventy-clock.
CMIS makes me work much more, just slide that pizza 'neath the door.
CMIS keeps me in for weeks, our colleagues think we must be freaks.
CMIS testing is my joy, more bugs I find each year - Oh Boy!

CMIS data is no bluff, does NASA really read this stuff?
CMIS gives me much to thank, like knocks from Julius, Diane and Frank
CMIS isn't all that bad, calling Susan makes me glad
CMIS data: the Holy Grail, balance the matrix without fail!

CMIS is the very best!
CMIS! I'll sing with my dying breath.
CMIS sent new friends today...in clean white coats to take me away!!!!

O.K. Groan!

Thanks to Bill Byrd

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Challenge: Budgetary Resources

The success of SG over the past two decades has been intimately connected to the level of resources available to the program, and the federal funds bring non-federal matching funds into play. The support of Congress has been vital and has stemmed from our policy of keeping our congress-folk apprised of our progress and needs. Since the budget increase to \$19.1M in FY98, space grant has been as high as the \$40M range and has now been reduced to about \$25M for the past two years, by the NASA administration simply not distributing the extra funds appropriated/agreed to by Congress for use in SG consortia programs. The \$25M funds all of the base awards, but the lack of additional support has forced cuts to other offerings that SG used to be able to fund. (For FY14 the President's budget is down to \$24M for SG.)

This is all history.

But, consider the following

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Challenge: Budgetary Resources (cont.)

FY 1998 was 15 years ago. Assuming an average inflation rate of only 2% per year, \$19.1M translates to \$25.7M, so we have had about the same 'buying power' for the last two years as we did in 1998 --

Think about it!

And this while college tuition, fees and costs are skyrocketing in most (many) states

If the inflation rate is closer to 3% per year, we are way behind even 1998 buying power. **That is not the way to grow a program.**

It is imperative as SG moves forward to keep working with the Congress and with the NASA folks to restore the funding actually going to the consortia to near the \$40M level (which congress seems willing to support).

Otherwise, the downward spiral can take over and 'effectively' terminate the program.

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Challenge: Phase 1 and 2; Designated vs non-designated programs

This is a two-pronged problem. First, the non-designated states need to continue to increase their aerospace R&D&E capabilities to the levels required for an upgrade.

Second, NASA needs to schedule regular upgrade competitions (every 2-3 years) to which the programs that are eligible can apply.

As discussed above, there is sufficient funding available within congressional appropriations to cover the costs of these transitions.

