



S T E M INSPIRE - ENGAGE - EDUCATE - EMPLOY The Next Generation of Explorers

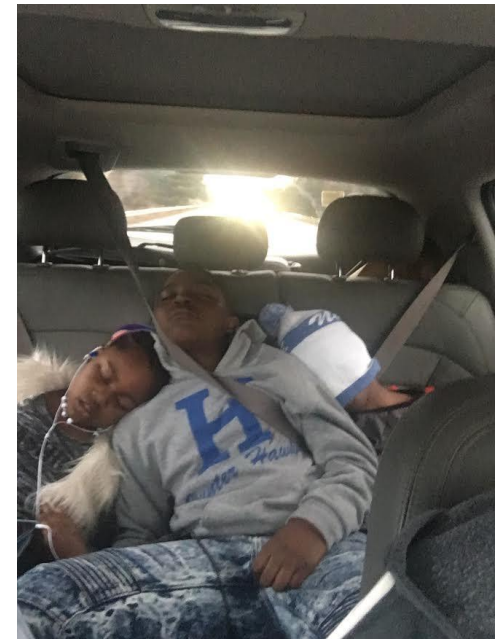


Spring 2019 National Space Grant Director's Meeting

Arlington, VA

Joeletta Patrick, Erica Alston and Team

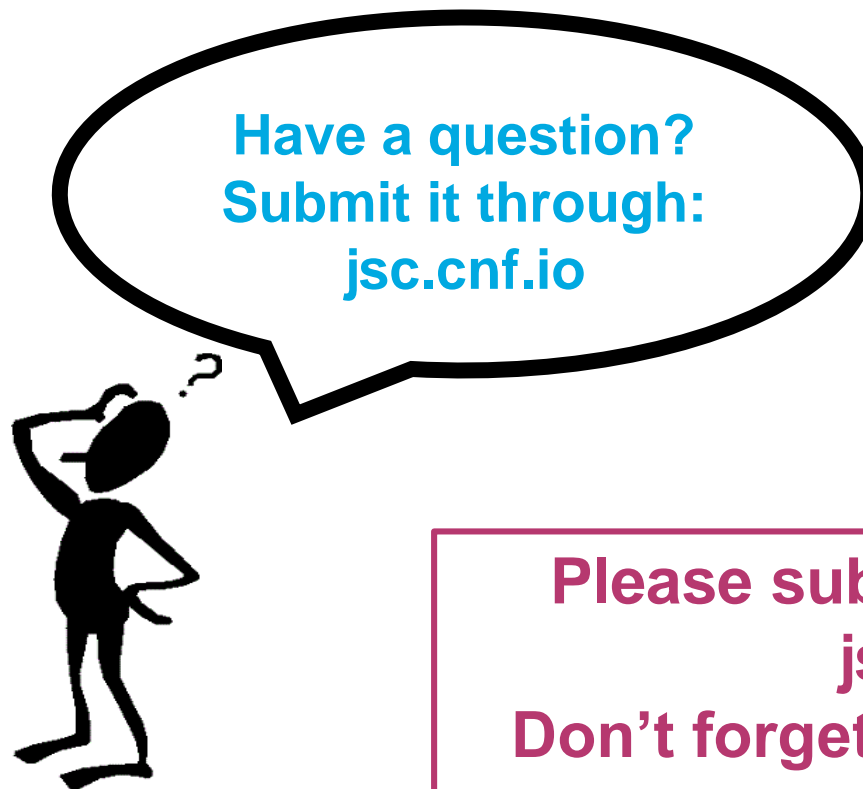
March 1, 2019







FOOD FOR THOUGHT



**Please submit questions to:
jsc.cnf.io
Don't forget to vote responses
up!**



Introductions



OSTEM Program Office

- Joeletta Patrick – Project Manager
- Dr. Erica Alston – Deputy Project Manager
- Andrew Hubbard – Resource Analyst
- Mike Cherry – Senior Program Analyst
- Dr. Sonya Greene – Senior Program Analyst
- Dr. Frank McDonald – Senior Program Analyst

- | | | |
|--------|-------|--------|
| • ARC | • JPL | • LaRC |
| • AFRC | • JSC | • MSFC |
| • GSFC | • KSC | • SSC |
| • GRC | | |



2019 NATIONAL SPACE GRANT DIRECTOR'S MEETING



Status of 5th year extension

FY2019 Plan (\$44M)

Evaluation Results

OEPM

USIP

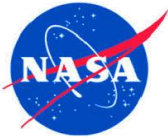
Mega PI Meeting/Reverse Site Visit

Upcoming Webinars

NIFs

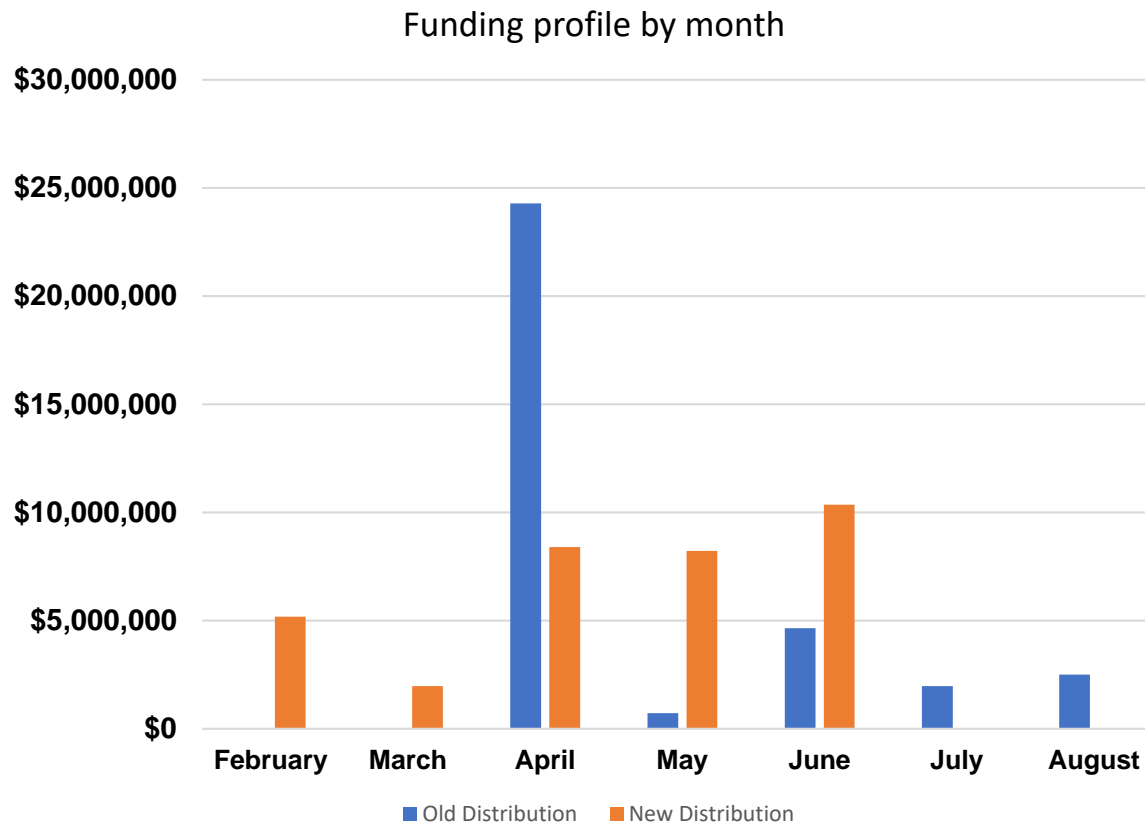
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Periods of Performance

Shifted the Periods of Performance to better anticipate CR funding constraints in future years

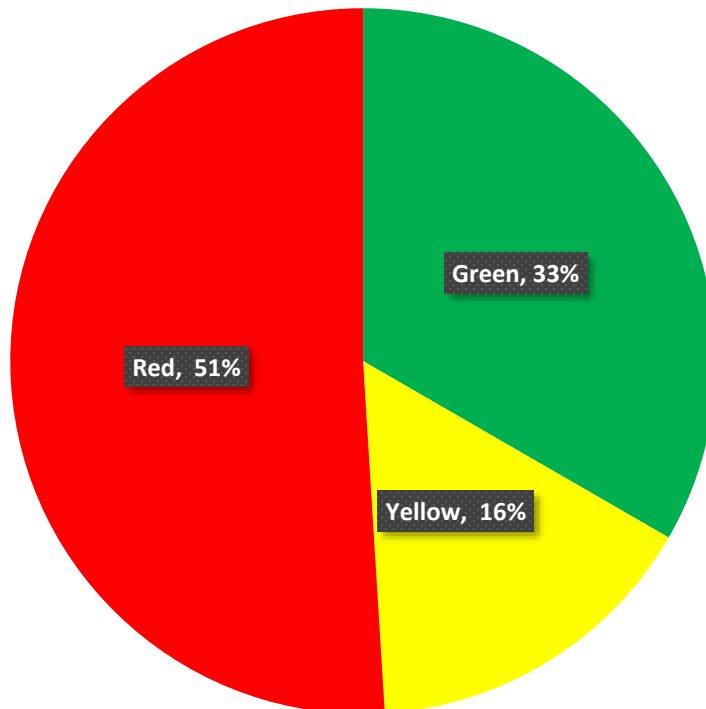




5th-year Update



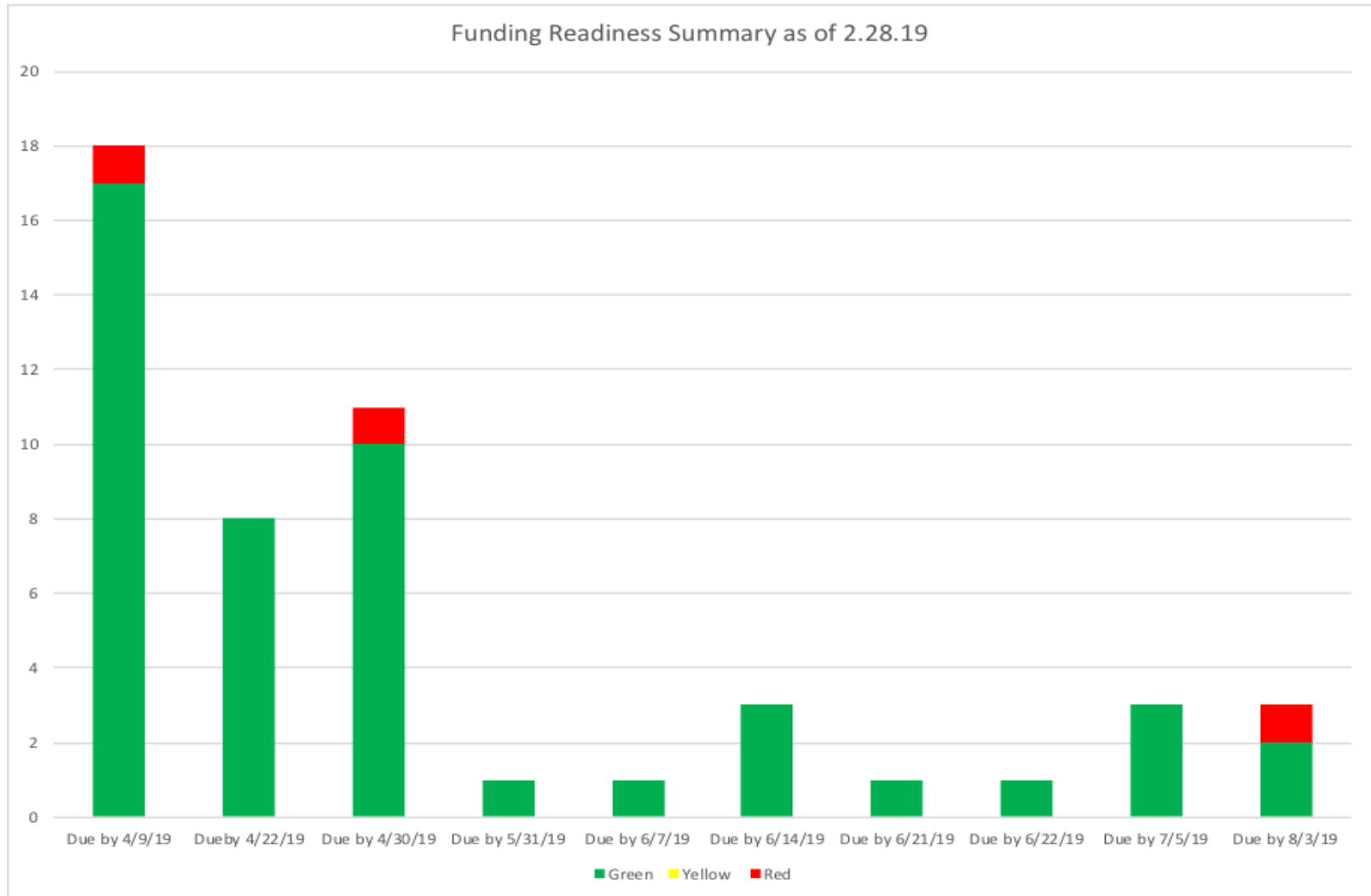
Funding Recommendation as of
12.13.18



- For the last 3 years, only approximately 1/3 of proposals are eligible to receive funding after panel review
- For the upcoming solicitation and proposal effort, let's work together to increase the number of compliant proposals, which means Consortia are eligible to receive funding on time



5th-year Update





5th-year Update



- Awards are prioritized based on Period of Performance, e.g., awards that end in April are being funded first
- Batch 1 = 15 awards that were initially recommended for funding by the panel and have PoP end dates in April; NSSC is working on those funding packages – no anticipated delays in awarding
- Proposed Batch 2 = 20 awards that were recommended for funding after resubmission process and have PoP end dates in April; NSSC will receive the funding packages next week
- As we receive the remainder of our appropriation, we anticipate awarding on time to proposals selected for funding



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Plan for FY2019 Appropriation



Space Grant was appropriated **\$44M** for FY19 – an increase of **\$4M** above FY18

Recommendation 1

- Augment awards by \$45,600; requires an updated statement of work, budget and budget narrative
- Designated: \$714,400 -> \$760,000 and Non-Designated = \$535,800 -> \$581,400
- Total = \$2,325,600

Recommendation 2

- Use \$200,000 as first year increment for Evaluation Award (total ~\$800,000) to Consortia (will award in FY20)

Seeking feedback from Consortia on options to spend remaining ~\$1.4M

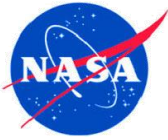
Option 1

- Pay for Space Grant interns directly this summer and fall since additional funds from Recommendation 1 don't give Consortia time to make additional selections.

Option 2

- Feedback from Consortia for ideas

Survey will solicit feedback, will open **3/1/19 (noon)** & close **3/5/19 (noon)**



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Evaluation Results from Abt



Establishing and Maintaining a Space Grant National Network

- The ability to communicate and collaborate with other consortia members and directors allows for larger, more cost-efficient and successful programming, because each consortium brings unique strengths to the collective Space Grant Program
- Directors noted that the national network is particularly important for training and mentoring new consortia directors

Recruitment

- While the greatest emphasis in focus groups was on gender and racial and ethnic diversity, respondents also spoke about the importance of promoting other forms of diversity in their programs, such as disability and low socioeconomic status.

Promoting a Strong STEM Education Base

- Despite NASA's emphasis on STEM education, however, directors stressed that they feel as though they are not able to focus enough funding on K-12 programming, as opposed to higher education opportunities.



Evaluation Results from Abt



Recommendations

- Focus group participants suggested the following recommendations to ensure the Space Grant Program remains successful:
 - Maintain a five-year award period and uphold consistent grant start and end dates so that Space Grant programs can partner deeply and effectively and plan programming accordingly
 - Keep a strong education focus as a program priority in order to continue to cultivate a strong STEM base and build lasting relationships within and between the Space Grant network, education community, aerospace industry, and local/state/federal government agencies
 - Fund more Space Grant programming to promote program growth, evolution, and sustainability. Educating future STEM professionals is essential to the best interests and prosperity of the United States
 - Streamline the collection of data by NASA's OEPM by reducing the number of data elements requested and automating the data collection process. Provide information to programs about how data are used



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OEPM

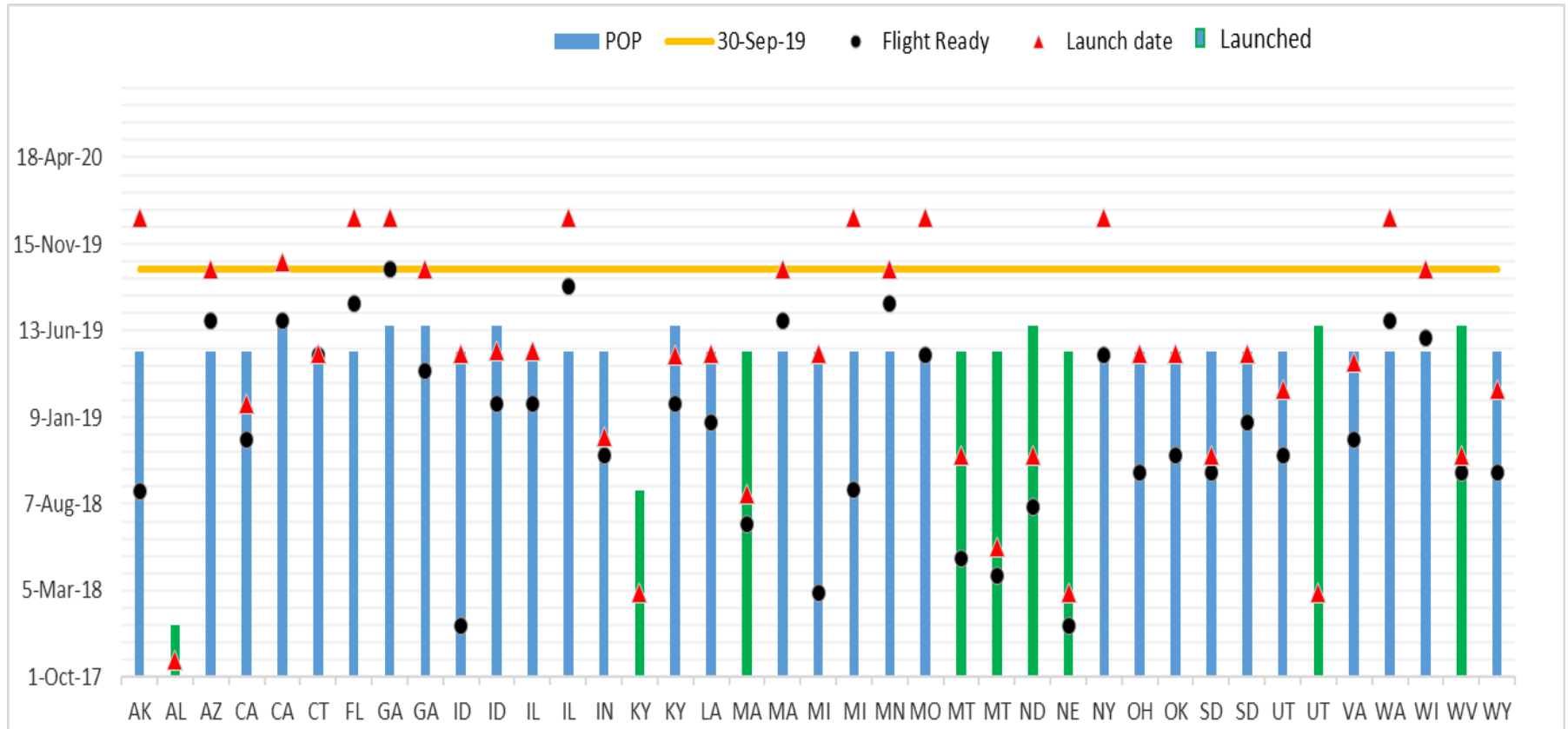


- FY2018 OEPM reporting finished February 22, 2019
- Validation/Verification currently taking place
 - 50 out of 52 Consortia have submitted their data
 - 11 outstanding USIP projects remain to be completed
- OEPM is open for FY2019 data reporting
- Tentative due date for FY2019 reporting – January 31, 2020

New Space Grant members who need OEPM access should contact: Mike Cherry; Michael.R.Cherry@nasa.gov



USIP

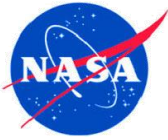




USIP



- No Cost Extensions – Case by case basis
- Guidance will be forthcoming for both Annual Performance Documents (60 days prior to award anniversary) and Closeout Reports (90 days post award anniversary)
- Spending Plans
 - Zero balance by end of PoP
 - High uncosted balances remain



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Reverse Site Visit



Overarching goals

- Bring all PIs together to engage/share across multiple projects
- Share best practices, tools, approaches, and resources across multiple communities
- Enable Mission Directorate engagement across multiple projects

Status update:

- Dates: August 8-9 [two full days]
- Location: TBD at a NASA Center
- Programs participating (~ 400 participants):
 - MUREP
 - Space Grant
 - EPSCOR
 - NextGen STEM



Upcoming Webinars/Trainings



- Best practices for telling your story
- USIP updates
- Approach to FY19 funding
- Citizenship primer
- Technical assistance on proposal submissions
- Reporting requirements (OEPM vs. Annual Performance Documents)
- Outreach Activities: Peanuts Anniversary
- If you have any requests for Webinar Training/Content, please email hq-space-grant@mail.nasa.gov. Please include “Webinar Request” in the subject line of your email



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Goals



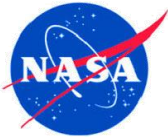
- Place as many Space Grant interns at all NASA centers (including HQs) as possible – not leaving slots unfilled
- Determine best potential way to accommodate multiple SG processes with multiple Center processes
- Enhance relationships with our Space Grant stakeholders opening up communication between centers and consortiums
- Spotlight the Space Grant and all NASA interns throughout the agency upwards to “the hill”



NASA Internships · 10/17/18

A huge thanks to @NASA Administrator @JimBridenstine for meeting with our #NASAInterns on his visits to NASA centers! NASA's investment in internships provides opportunities for students to contribute to important mission-related projects. Learn more at intern.nasa.gov.





The Proposed Plan



- Create one point of contact for NASA Internship communications
 - provides information on the different Centers to assist in future placements – types of research at each Center, significant projects, etc.
 - connects individual Space Grants to the most appropriate Center to meet state or local objectives
- Provide access to the application system





System Capabilities Coming Soon



- **Log-in/Access**

- Users log-in via single sign-on to access capabilities available to third party role.

- **View coordinator information**

- User can view a list of current Internship Coordinators. This is a view only list with Coordinator names and contact information.

- **Search applicant pool**

- User can run report for list of applicants that have indicated availability for open sessions. After selecting a session, the user can search by applicant name or apply filter categories to tailor the applicant list results. Categories include the following:

- Academic level
- Major
- School
- State of Institution
- GPA
- MSI Classification
- Computer Skills
- Technical Skills
- Other Skills

- The resulting report gives the user the Student name, current/most recent institution, GPA, Major, center preference, Computer Skills, Technical Skills, Other Skills, available/unavailable status.
- The user may choose to download the report in csv or pdf format

The screenshot shows a 'Filters' section with several input fields and a search button. The fields are: Academic Level (dropdown menu), Major (dropdown menu), School (text input with a 'Search School' button), State (dropdown menu), GPA (range slider and text input), MSI Classification (dropdown menu), and Computer Skills (text input with an 'Add' button). Each dropdown menu currently shows 'None selected'.



Three Options

	(1) NASA asks SGC to sponsor specific students from their state	(2) SGC gives NASA a list of student applicants from which to select	(3) SGC pre-identifies individuals (i.e. based on state competitions)
Strengths	<ul style="list-style-type: none"> Students already selected by mentors Provides better Internship experience – good match for mentor/student Highest likelihood of placements Ideal for larger states 	<ul style="list-style-type: none"> Coordinators/Mentors select from list SGC sets parameters for selection (state priorities, skills, etc.), 	<ul style="list-style-type: none"> SGC selects students for NASA internships Moderate likelihood of placements varies based on the center SGC controls all diversity metrics
Challenges	<ul style="list-style-type: none"> SGC must wait for NASA to contact them Limited diversity metric assurances 	<ul style="list-style-type: none"> List must come in early to ensure placement Risk that students won't be selected by mentors NASA Internships cannot select for diversity by individual 	<ul style="list-style-type: none"> Student must apply prior to SGC selection Risk that students won't be selected by mentors Internship experiences can be jeopardized if it is a forced fit inflexible)

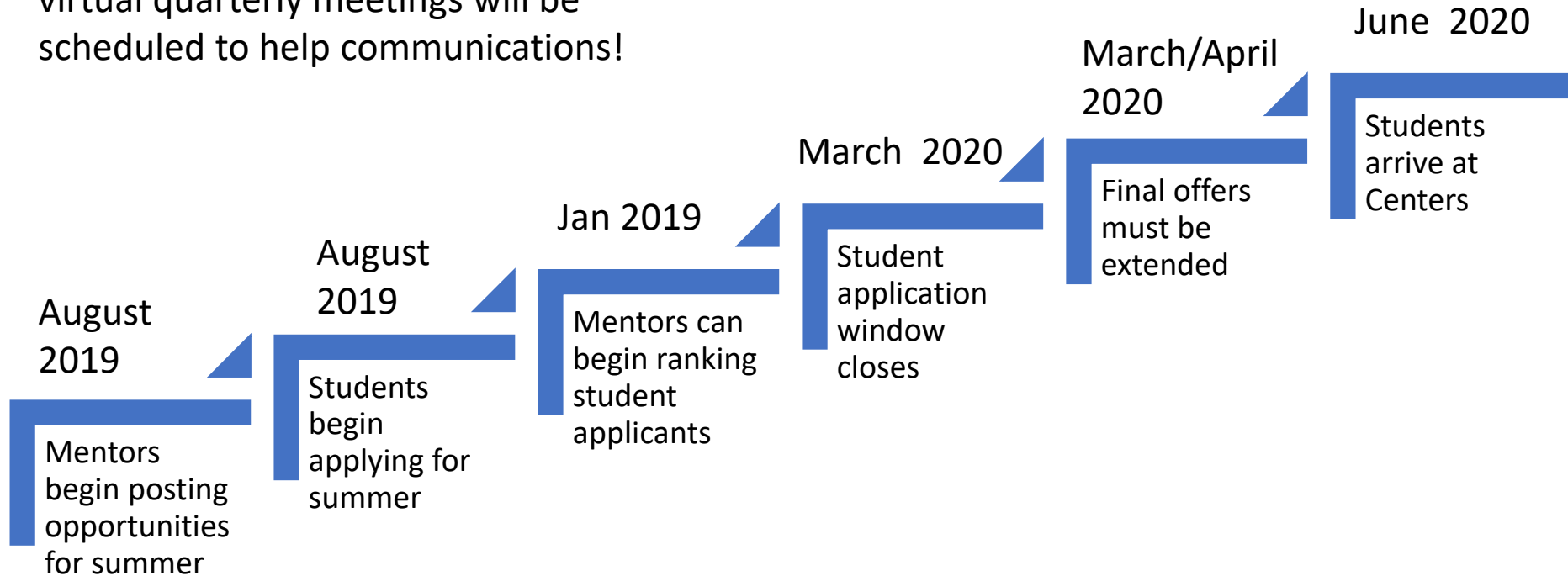




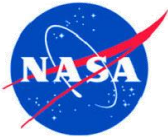
Future Timeframe for Placements



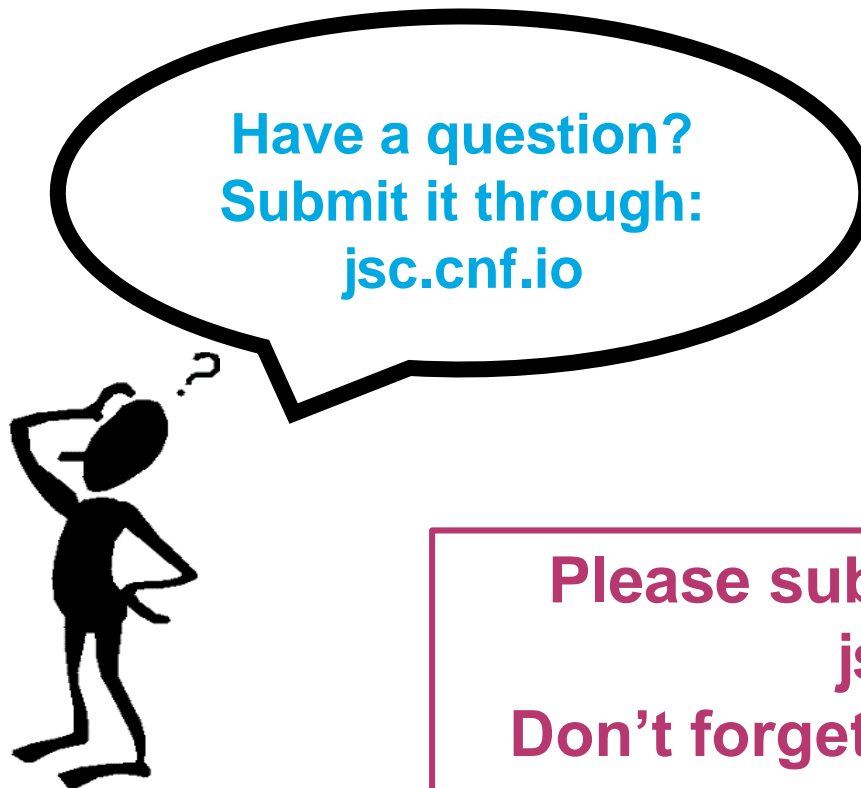
NEW! NASA Internship Stakeholder virtual quarterly meetings will be scheduled to help communications!



Once 2019 summer session commences, summer 2020 application will open. Three sessions at a time are available for mentors to submit projects and for students to apply. This will allow Space Grants to go in early next year for their selections and application viewing.



QUESTIONS???



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