

**NATIONAL AERONAUTICS AND SPACE
ADMINISTRATION**
**PATHWAYS INTERN EMPLOYMENT PROGRAM
INFORMATION SESSION**

SEPTEMBER 14, 2018

NASA Recruitment and Outreach Managers

Esteban Morales (GSFC)

Rachel Cadesky (GRC)

Brian Bennett (AFRC)

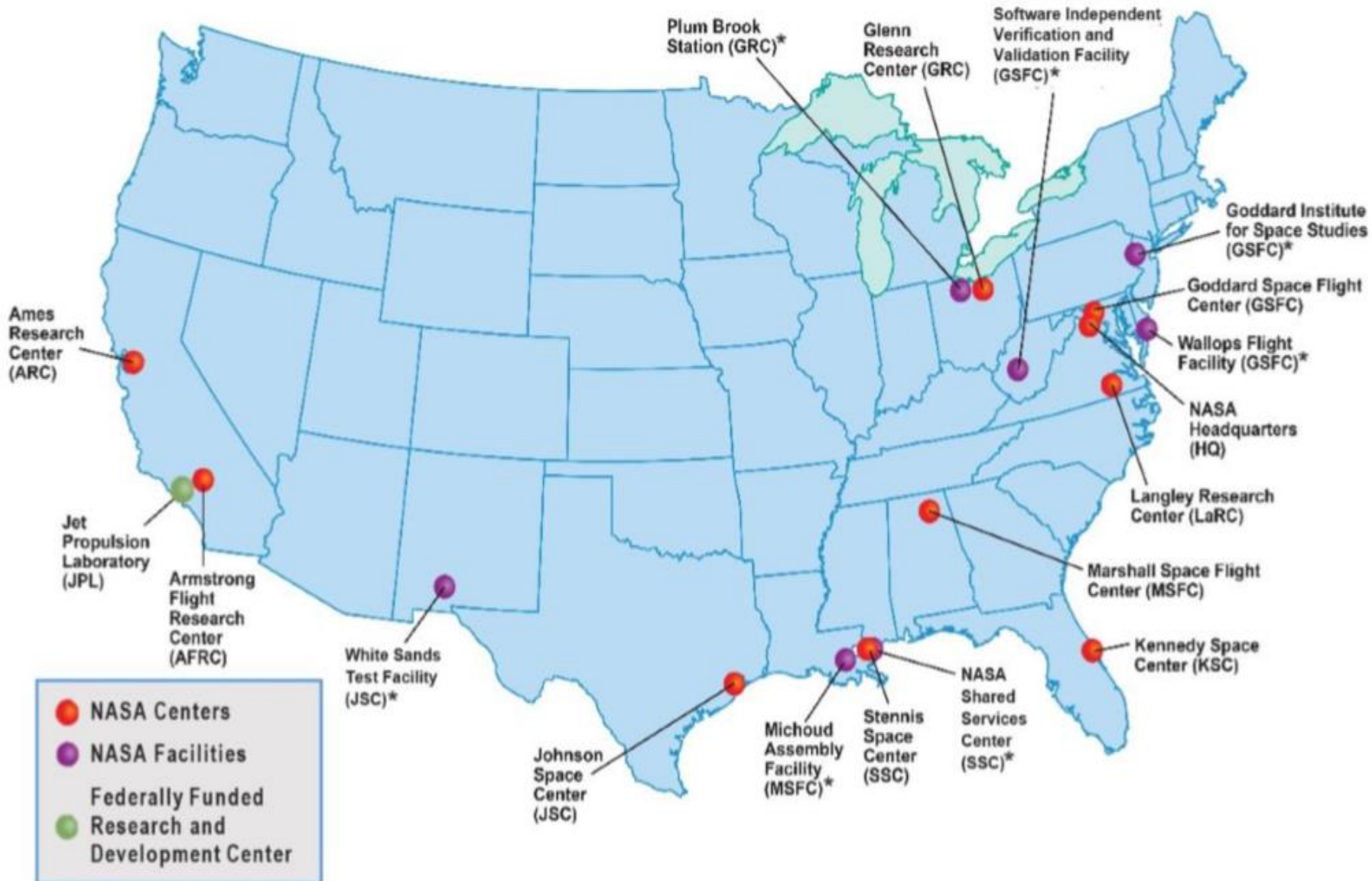


NASA Agency Goals

- **Expand human knowledge through new scientific discoveries**
- **Extend human presence deeper into space and to the moon for sustainable long-term exploration and utilization**
- **Address national challenges and catalyze economic growth**
- **Optimize capabilities and operations**



NASA Centers and Facilities



THERE ARE 2 MAIN WAYS TO HIRE INTERNS: PATHWAYS & NASA INTERNSHIP AND FELLOWSHIPS

	Pathways	NIF
Student Employment Status	Civil Servant	Non-Civil Servant
Application System	Usajobs.gov	NASA Internship Application System
Website	nasajobs.nasa.gov/studentopps/Pathways.htm	Intern.nasa.gov
Hiring Semesters	Spring/Fall/Summer	Spring, Summer, & Fall
Majors	STEM & Non-STEM (currently 70/30)	Focused on STEM (limited opportunities on other majors of study)
Degree Levels	Traditionally college sophomores through PhD	Traditionally all college levels
Upcoming Start Date	Varies	Spring 2019



PATHWAYS PROGRAM REQUIREMENTS

1. U.S. citizenship or U.S. national
 2. Successfully completed at least 30 semester hours of undergraduate education
 3. Currently enrolled in (or accepted for enrollment to) an accredited college or university on at least a half time basis
 - Engineering programs: <http://www.abet.org/>
 - All other programs: <http://ope.ed.gov/accreditation/>
 4. Currently have and maintain a cumulative GPA of 2.9 or higher (on a 4.0 scale)
 5. Be able to complete at least 640 hours of Pathways work experience prior to completing your degree requirements
 6. Have at least one academic year remaining in your degree program. *Center requirements may vary, please read each vacancy for specific Center details.
- * Veterans Preference does apply to all Pathway opportunities. Please see this [Link](#).



PREFERRED FIELDS OF STUDY

STEM majors:

- **Technology:** Airborne Science Research, Balloons & Sounding Rockets, Computer Science, Electronics, Nanotechnology, Software Engineering, Systems Engineering/Design
- **Engineering:** Aerospace Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Detector Systems, Environmental Engineering, Instrumentation Engineering, Materials Engineering, Composites Applications, Mechanical Engineering, Microelectronics & Signal Processing, Optical Engineering, Robotics, Thermal Engineering
- **Math:** Applied Optics, Chemistry, Physics, Materials Science

Business and related majors:

- **Non-Technical:** Business, Administrative, Accounting, Economics, Finance, Logistics, Management Information Systems, Communications, Public Relations, Marketing, Management, Human Resources
- *Each position will list preferred or required majors, please see vacancy for specific educations requirements.



PATHWAYS INTERN - PAY EXAMPLE 2018

Educational level/Semester Hours	Grade Level	General Pay Table
Sophomore/30 – 59 hours	GS-4	\$12.40
Junior/60 – 89 hours	GS-5	\$13.87
Senior/90 or more	GS-6	\$15.46
Early Masters/accepted and enrolled	GS-7	\$17.18
Mid – Masters/ 1 year of MS level study and/or starting Ph.D.	GS-9	\$21.01
Mid – PhD/1 year of Ph.D. level study completed	GS-11	\$25.43
*Engineering and Information Technology positions may pay slightly more at the graduate levels		



PATHWAYS INTERN - BENEFITS

- Eligible for conversion into full time employment after completion of program and degree requirements
- Promotion eligibility while in the Pathways Program
- Eligible for performance and merit-based awards
- Health Insurance (can be carried over when student is back at school)
- Life Insurance
- Federal Employees Retirement System (FERS)
- Thrift Savings Plan (TSP) – similar to 401K in private sector
- Annual Leave / Sick Leave / Military Leave
- Paid Federal Holidays
- *Eligible for Tuition Assistance



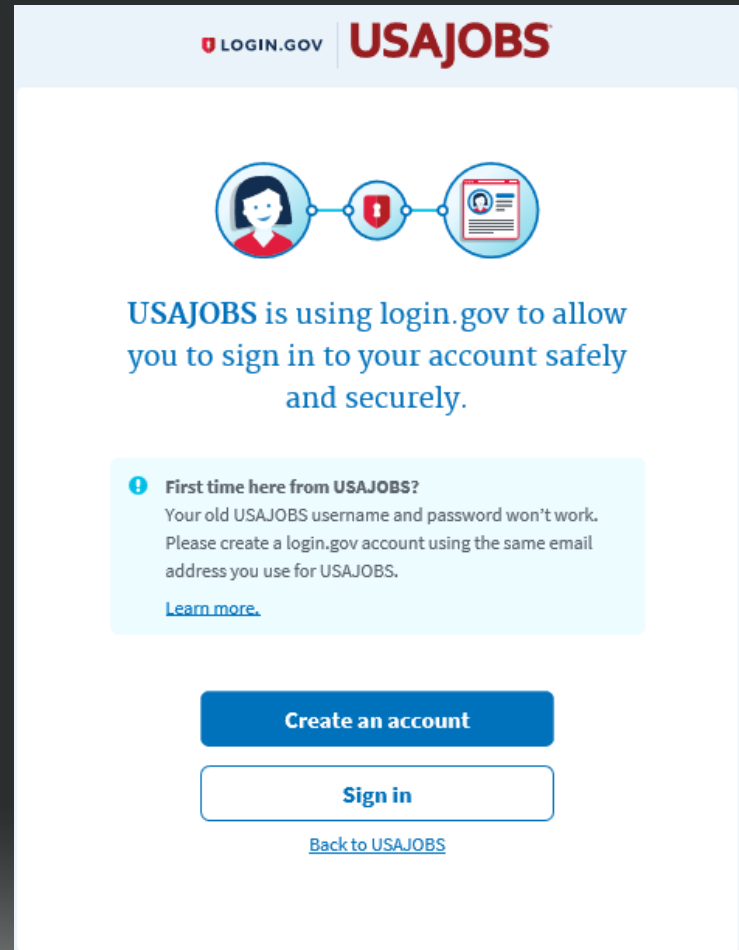
PATHWAYS INTERN - OPPORTUNITIES

- GSFC: Fall: Sept. 17 and 24, 2018, Spring: 3rd or 4th week of March.
- AFRC Fall: September/October, Spring in February.
- GRC: Fall: September/October and vary throughout the year.
- KSC: Fall: Oct. 2 – 4, 2018, Spring: Feb. 5 -7, 2018 (for summer).
- JSC: Fall: first two weeks of September, Spring: week of Feb. 4, 2019.
- LaRC: Vacancies vary from October – May.
- ARC: Pathway vacancies will be posted in January.
- MSFC: Fall: Late September, Spring: vary throughout year.



PATHWAYS INTERN - WHERE TO APPLY

1. Go to usajobs.gov
2. Create a profile (fill in all the fields). Make sure you indicate veteran's preference status
3. Create a resume in usajobs.gov (don't upload a resume). You can save up to 5 different resumes
4. Make your resume searchable
5. Create a search agent so that you receive an email when opportunities match your criteria



The screenshot shows the top of the USAJOBS website with the 'LOGIN.GOV' logo and the 'USAJOBS' text. Below this is a navigation bar with three icons: a person, a shield, and a document. The main text reads: 'USAJOBS is using login.gov to allow you to sign in to your account safely and securely.' A light blue box contains a message: 'First time here from USAJOBS? Your old USAJOBS username and password won't work. Please create a login.gov account using the same email address you use for USAJOBS. [Learn more.](#)' At the bottom, there are two buttons: 'Create an account' (solid blue) and 'Sign in' (white with blue border). Below the buttons is a link: '[Back to USAJOBS](#)'

PATHWAYS RESUME TIPS

“TAKE CARE OF THE BASICS”

1. Include your contact information (City, State, Zip Code)
2. Use professional email address
3. Create a professional message on your voicemail
4. Check with your references before using their names
5. Check your spelling and grammar
6. Include all major education factors (GPA, graduation date, degree level, major, relevant coursework)



PATHWAYS RESUME TIPS

“STAND APART FROM THE CROWD”

1. Work Experience (you are not limited to 1 page)
 - Document all related jobs
 - Describe unrelated jobs the right way
 - Include project experience
2. Think Like an Employer (tailor your application to the position)
3. Federal resumes can be longer and require more information than private sector/non-profit resumes.
4. Don't leave a box blank!



PATHWAYS RESUME TIPS

DESCRIBING YOUR EXPERIENCE

- Focus on the qualification requirements section of the vacancy announcement - your resume should describe how you meet the requirements
- Resume should be results driven - Use the S.A.R method: Describe the Situation, Action and Result.
- Use action words to describe work experience: managed, assisted, responded, planned, coordinated, met with, implemented, communicated with, tested, developed, spearheaded, etc.
- Include special skills like computer proficiency and language ability
- Plan ahead - Allow plenty of time to thoroughly proof read and complete your application
- Apply by the deadline or better yet – early!



Contact Us:

NASA Websites

NASA - <https://www.nasa.gov/careers/>

HQ - <https://www.nasa.gov/centers/hq>

GSFC - <https://www.nasa.gov/goddard>

KSC - <https://www.nasa.gov/centers/kennedy>

JSC - <https://www.nasa.gov/centers/johnson>

GRC - <https://www.nasa.gov/centers/glenn>

ARC - <https://www.nasa.gov/ames>

AFRC - <https://www.nasa.gov/centers/armstrong>

MSFC - <https://www.nasa.gov/centers/marshall>

LaRC - <https://www.nasa.gov/langley>

SSC - <https://www.nasa.gov/centers/stennis>

NSSC - <https://www.nssc.nasa.gov/>



Give yourself a chance at a life-changing Pathways internship and apply.

Don't wait!

Shoot for the moon, even if you miss you will land among the stars.

