NASA Pathways Programs
and OSSI SOLAR Internships

Presented by:
GSFC/Richard Gudnitz
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What is Pathways?

NASA Pathways* Programs provide opportunities for students and recent graduates to be considered for Federal employment through the:

- NASA Pathways Intern Employment Program (IEP)
  - Note: For students only
- NASA Pathways Recent Graduates Program (RGP)
- NASA Pathways Presidential Management Fellows (PMF) Program
  - Note: For advanced degree graduates only

Pathways assists NASA in attracting and recruiting well-educated students and recent graduates into the workforce via public notice opportunities.

*Pathways was implemented July 10, 2012 by OPM
Why Consider Pathways?

Purpose:
Provides recent graduates and students pursuing STEM (Science, technology, engineering, and math) and business professional disciplines the following:
• exposure to public service
• financial support to encourage and support educational goals
• exposure to real work situations
• educational/work experience enhancements

***Pathways Programs may lead to full-time employment with NASA upon successful completion of the program requirements and the ability to be hired by a NASA Center.***
### Who is Eligible to Participate in Pathways?

<table>
<thead>
<tr>
<th>NASA's Intern Employment Program (IEP)</th>
<th>Recent Graduates Program (RGP)</th>
<th>Presidential Management Fellows (PMF) Program</th>
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</thead>
<tbody>
<tr>
<td>• U.S. Citizens</td>
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<tr>
<td>• Students currently enrolled at least half-time, or accepted for enrollment in an accredited school (e.g. undergrad, graduate, or professional)</td>
<td>• Recent graduates from qualifying educational institution and program (e.g. vocational/certificate/trade school, undergrad, graduate, professional)</td>
<td>• Recent advanced degree graduates who have completed a qualifying degree within the preceding two years, or in the process of completing it by 8/31 in the year of program application</td>
</tr>
<tr>
<td>• Pursuing a science, technology, engineering or mathematics (STEM) or business professional field of study</td>
<td>• Must have completed educational program after December 27, 2010</td>
<td>• Meet Office of Personnel Management PMF-specific qualifications (For more information, visit: <a href="http://www.pmf.gov/opportunity/index.aspx">http://www.pmf.gov/opportunity/index.aspx</a>)</td>
</tr>
<tr>
<td>• Achieved good scholastic standing (cumulative 2.9 GPA or higher)</td>
<td>Note: Non-veterans must apply within the preceding 2 years of degree/certificate completion; Veterans must apply within 6 years if unable to apply within preceding 2 years due to military service</td>
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<tr>
<td>• Ability to work alternating semesters while a Co-op (includes a Fall, Spring and Summer work-term)</td>
<td>• Graduate with a science, technology, engineering or mathematics (STEM) or business professional field of study</td>
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<tr>
<td></td>
<td>• Achieved good scholastic standing, cumulative 2.9 or higher GPA</td>
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www.nasa.gov 12/3/2012
What Are the Requirements for Each Pathways Program?

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<td>As a student trainee:</td>
<td>As a recent graduate:</td>
<td>As an advanced degree graduate:</td>
</tr>
<tr>
<td>1. Work 640 hour (minimum)</td>
<td>1. Work a 1-year FT career development program</td>
<td>1. Work a 2-year FT leadership developmental program</td>
</tr>
<tr>
<td>2. Maintain 2.9 cumulative GPA</td>
<td>2. Hold a 2.9 cumulative GPA</td>
<td>2. Execute an Individual Development Plan</td>
</tr>
<tr>
<td>3. Maintain at least a half-time course load during a school-only term</td>
<td>3. Execute an Individual Development Plan</td>
<td>3. Work with a mentor</td>
</tr>
<tr>
<td>5. Sign a Participant Agreement</td>
<td>5. Attend 40 hours of formal interactive training</td>
<td>5. Work an external 4-6mo assignment</td>
</tr>
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</table>
How Do I Apply to a Pathways Opportunity and Who Do I Contact?

Apply on-line...search NASAJobs at:
- http://nasajobs.nasa.gov/default.htm
- Alternatively, link directly to USAJobs and use the following search terms: “NASA”, “Goddard”, “Pathways”, “Internship” or “Recent Graduates”)

Questions about Pathways, visit:
- www.usajobs.gov/StudentsAndGrads

POCs for Pathways Programs:
- http://nasajobs.nasa.gov/studentopps/default.htm
What Should a Pathways Resume Include?

- Full name (first/middle/last)
- U.S. Citizenship
  
  Note: For non-U.S. Citizenship opportunities, visit: www.nasajobs.nasa.gov/jobs/noncitizens.htm
- Mailing address (permanent address preferred)
- For recent graduates:
  - degree, major, date of degree completion, cumulative GPA
- For students:
  - degree, major, credit hours (indicated by quarter or semester hours completed), cumulative GPA, and expected date of graduation (or date of enrollment if recently entering into an academic program)
- Relatedness of career goals or academic background to the position
- Relevant coursework
- Prior intern work experience, if applicable to the targeted position
**NASA Pathways Program Benefits**

- **Salaries/Pay** (go to www.opm.gov to view OPM salary tables)
  - Undergraduate students GS-4 thru GS-6 ($14.59 - $18.20)
  - Graduate students GS-7 thru GS-9 ($20.22 – $21.98)
  - PhD Students GS-9 thru GS-11 ($24.74 - $29.93)

- Tuition Assistance *(at the discretion of the Center)*
- Travel - Trip back to school and each succeeding tour *(at the discretion of the Center)*
- Promotion eligibility
- Health Insurance
- Life Insurance
- Federal Employees Retirement System (FERS)
- Thrift Savings Plan (TSP) – similar to 401K in private sector
- Annual Leave
- Sick Leave
- Military Leave
- Federal Holidays

*These benefits vary per Center’s budget and program requirements/approvals.*
GSFC Intern Employment Program (IEP) - by Majors (aka Co-op Program prior to 7/10/2012)

Student Trainee Population
FY10 – FY12

- Engineering: 67%
- Science: 7%
- Business Related: 26%
OSSI SOLAR Internships...

NASA-related research and development experiences for educators, high school, undergraduate and graduate students.
What are the Eligibility and Program Requirements for OSSI SOLAR Internships?

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<th>NASA Office of Education Intern Program</th>
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**Eligibility Requirements:**

1. U.S. Citizens (by birth or naturalization)
2. Student or Educator:
   - High School students, minimum 16 yrs of age
   - Undergraduate, or graduate students accepted/enrolled full-time in an accredited U.S. college or university
3. Achieved GPA of 2.8 or higher on 4.0 scale
   - 3.0 GPA recommended in STEM or supporting discipline that meet GSFC needs and research opportunity
   - Some internships will require a higher GPA
4. Appointments between 6 weeks to year-round (i.e. Summer, Fall, and Spring Sessions)
   - Internship hours range from 320 for high school students, to 400 hours for others

**Program Requirements:**

Interns participates in a research or development experience aligned with their academic background and skills while developing and/or deepening their research inquiry knowledge, their engineering analysis and application skills, or other areas that contribute to the Center’s mission.
Where at NASA Can You Obtain a Pathways or OSSI Intern Opportunity?

- Kennedy Space Center
  - Launch and Landing
  - Titusville, FL

- Stennis Space Center
  - Rocket Engine Testing
  - Stennis Space Center, MS

- Johnson Space Center
  - Human Space Flight Operations
  - Houston, TX

- Jet Propulsion Laboratory
  - Deep Space Robotic Rovers & Networks
  - Pasadena, CA

- Marshall Space Flight Center
  - Space Transportation & Propulsion Systems
  - Huntsville, AL

- Glenn Research Center
  - Aeronautic and Spacecraft Technology
  - Cleveland, OH

- Michoud Assembly Facility
  - New Orleans, LA

- Dryden Flight Research Center
  - Atmospheric Research & Testing
  - Edwards, CA

- Langley Research Center
  - Aviation & Space Research
  - Hampton, VA

- NASA Headquarters
  - Washington, D.C.

- NASA Goddard Space Flight Center
  - Science Missions & Telescopes
  - Greenbelt, MD
Questions?