Seeds of Progress

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NASA Associate Administrator
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Diversity Makes Us Smarter

“We possess incredible capacity to think differently. These differences can provide the seeds of innovation, progress, and understanding.”

- Scott Page,

*The Difference*
<table>
<thead>
<tr>
<th>Year</th>
<th>Women in NASA workforce</th>
<th>% of total NASA workforce</th>
</tr>
</thead>
<tbody>
<tr>
<td>1969</td>
<td>5,541</td>
<td>17.5%</td>
</tr>
<tr>
<td>1988</td>
<td>6,015</td>
<td>27.4%</td>
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<tr>
<td>2009</td>
<td>6,160</td>
<td>32.8%</td>
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Diversity in Space Flight: Then and Now
Supporting Diversity through Our Missions
A Pioneer in the Field

- Comet C/1786 P1 (Herschel)
- Comet 35P/Herschel-Rigollet
- Comet C/1790 A1 (Herschel)
- Comet C/1790 H1 (Herschel)
- Comet C/1791 X1 (Herschel)
- Comet C/1793 S2 (Messier)
- Comet 2P/Encke
- Comet C/1797 P1 (Bouvard-Herschel)
Seeing the Sky with New Eyes
HAT-P-7 Light Curves

Kepler Measurements (7x Magnification)

Kepler Measurements (100x Magnification)

Time (In Days)

Brightness

1.0

2.0
Computing Pioneer

Warship named for Navy woman

BATH, Maine. — The guided missile destroyer Hopper was christened at the Bath Iron Works Jan. 6, marking the second warship in Navy history to be named after a woman of its own ranks.

Mary Murray Westcote, the sister of Rear Adm. Grace Murray Hopper (1906-1992), served as the sponsor in the ceremony naming the ship.

Hopper was remembered for her pioneering spirit in the area of computers, where she is said to have led the Navy. During her career she was known as the “Grand Lady of Software,” “Amazing Grace,” and “Grandma Cobol” after co-inventing COBOL (Common Business-Oriented Language).

The Hopper is the 20th of 32 Arleigh Burke class ships authorized by Congress to be built for the Navy.
A New Awareness of Earth

Silent Spring
Rachel Carson
Decadal Survey Missions - Next Generation
Changes in Sea Ice
"When it comes to astronomy, you never come to the end of anything. You have to reach out farther and farther into the universe."

– Dorritt Hoffleit
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