

McKay, Quinn C.

From: Zimmerman, Ari M.
Sent: Wednesday, June 7, 2023 11:44 AM
To: Zimmerman, Ari M.
Subject: Ax-2 Mission
Attachments: Fact Sheet on Ax-2 Mission.pdf

Good Morning,

On behalf of the Embassy of Saudi Arabia, I wanted to bring your attention to the [Axiom Mission 2](#) ("Ax-2") space flight that was successfully concluded on May 30, and highlight the exciting and groundbreaking role of the Saudi Arabian astronauts in the mission (by way of the attached one-pager and a brief synopsis below). The two mission specialists aboard Ax-2 were [Ali Alqarni](#) and [Rayyanah Barnawi](#), both from the Kingdom of Saudi Arabia ("KSA"). Rayyanah Barnawi is the first Saudi woman to ever fly in space.

The multinational crew conducted extensive research, investigated novel technologies, and engaged with audiences around the world as champions of science, technology, engineering, the arts, and mathematics ("STEAM"), during the roughly week-long trip. Their efforts will continue to lay the groundwork and establish the key capabilities needed to build out and operate Axiom Station, the world's first commercial space station.

The involvement of Saudi Arabian astronauts in this mission serves as a testament to the commitment of the Saudi government towards advancing the Kingdom's capabilities in space exploration, science, and technology.

The collaboration between KSA and the United States on this exciting mission points to the strength and breadth of our long-standing bilateral relationship, which was further bolstered in July 2022 when the Kingdom [signed](#) the Artemis Accords, which the State Department welcomed as affirming the Kingdom's "commitment to safe, sustainable, and responsible space exploration."

Both the [White House](#) and [State Department](#) spokespersons congratulated the Kingdom on this achievement, in particular Rayyanah Barnawi becoming the first Saudi woman to ever fly in space.

Please let me know if you have any questions.

Thank you,

Ari M. Zimmerman

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Brownstein - we're all in.

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مَسَافَرَةُ الْمَمْلَكَةِ الْعَرَبِيَّةِ السُّعُودِيَّةِ

لدى الولايات المتحدة الأمريكية

EMBASSY OF THE KINGDOM OF SAUDI ARABIA
TO THE UNITED STATES OF AMERICA

Fact Sheet: SpaceX Axiom Mission 2 (“Ax-2”) with Saudi Woman Astronaut

Date: June 5, 2023

*“I am very honored and happy to be representing all the dreams and all the hopes of all the people in **Saudi Arabia** and all the women back home.”*

- **Rayyanah Barnawi**, first Saudi woman in space



Overview

On Sunday, May 21st, Axiom Space launched its second private mission, a 10-day trip to the International Space Station (“ISS”) where scientists conducted scientific investigations including weather experiments, mRNA testing, and DNA-based nanomaterials and cancer research. Ax-2’s second private mission, carried out successfully in association with SpaceX, concluded on Tuesday, May 30th, as the SpaceX Crew Dragon capsule splashed down safely in the Gulf of Mexico.



The crew of the SpaceX Falcon 9 rocket, with the Crew Dragon spacecraft, arrive at the Kennedy Space Center in Cape Canaveral, Fla., Sunday, May 21, 2023. - AP Photo/John Roca

Among the crew were two **Saudi** nationals, mission specialist Ali AlQarni, the second male astronaut from the **Kingdom**, and biomedical scientist Rayyanah Barnawi, **the first Saudi woman** ever to travel to space. Barnawi's experiments on the station focused on breast cancer research. Axiom Space’s Director of Human Spaceflight Peggy Whitson, a former NASA astronaut and ISS commander, led the mission. Aviator and former racecar driver John Shoffner served as pilot.

This mission is the latest example of **Saudi Arabia’s** commitment to space exploration, technology innovation, and medical research as part of Crown Prince Mohammed bin Salman’s Vision 2030. Over the years, the **Kingdom** has been working in close cooperation with U.S. space authorities and private companies including NASA, SpaceX, and Axiom.

Legacy of Cooperation

The United States and **Saudi Arabia** have a long-standing relationship in space technology. In 1985, Prince Sultan bin Salman was one of the seven astronauts on board the NASA Space Shuttle Discovery: Mission STS 51-G, becoming the first Arab and Muslim in space. More recent collaborations include:

- During President Joe Biden’s visit to **Saudi Arabia** in July of 2022, Saudi Arabia and the United States signed 18 agreements relating to space, investment, energy, communications, and health.



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EMBASSY OF THE KINGDOM OF SAUDI ARABIA
TO THE UNITED STATES OF AMERICA

- At this meeting, the **Saudi Space Authority** signed onto the 2020 Artemis Accords, reaffirming its commitment to the responsible, peaceful, and sustainable exploration and use of outer space.
- In September 2022, Axiom Space and the Saudi Space Commission signed an MOU to cooperate on several space initiatives. Under the agreement, Axiom will train Saudi astronauts for human spaceflight and conducting scientific research in space.
- In 2010, The King Abdul Aziz City for Science and Technology (KACST) signed two agreements with the National Aeronautics and Space Administration (NASA) for extended scientific cooperation and exchange of research between them.

U.S. Official Response



Adam Hodge ✓
@NSC_Spox

We congratulate Axiom Mission 2, the first private mission of Saudi Arabia's national astronaut program, for successfully docking at the International @Space_Station today. We also celebrate Rayyanah Barnawi's historic achievement as the first Saudi woman in space. Mabrouk!

International Space Station 🌐 @Space_Station · May 22

Welcome aboard the station #Ax2! The four @Axiom_Space private astronauts entered the orbital outpost after opening the @SpaceX Dragon crew ship hatch at 11am ET today. blogs.nasa.gov/spacestation/2...

10:59 PM · May 22, 2023 · 9,147 Views

Adam Hodge, National Security Council Spokesperson



Matthew Miller ✓
@StateDeptSpox

Congrats to the first Saudi woman in space Rayyanah Barnawi, 🇸🇦 astronaut Ali al-Qarni, & U.S. astronauts Peggy Whitson and John Shoffner who traveled to @Space_Station to further scientific collaboration and build on 🇸🇦 joining the Artemis Accords during last year's @POTUS visit.

U.S. Embassy Riyadh 🇸🇦 @USAinKSA · May 21

السفير الأمريكي في المملكة #مبارك راندي بارناوي قبل موعد إطلاق مهمة Axiom-2: "أثبتت روح الفضاء للشباب السعوديين والأمريكيين أنه لا يمكنهم فقط أن يحلموا بالنجوم، بل يمكنهم حرقياً الوصول إليها!"
#نحن_الفضاء



5:26 PM · May 22, 2023 · 29.1K Views

Matthew Miller, State Department Spokesperson