



# Leadership Development Seminar

## Future Generations Living and Working on the Moon: NASA's Plans for the Future Exploration of Space



the Gateway Concept  
for Lunar Exploration

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**Nov.30<sup>th</sup> (Fri.) 2018 16:30-18:00**

IB014 lecture room (IB Building, Nagoya University)

### Abstract :

This year NASA celebrated its 60-year anniversary on October 1, 2018. During this time period, NASA has landed on the Moon and completed the International Space Station. Apollo 11 was the first manned mission to land on the Moon in 1969. To date, the United States is the only country to have successfully conducted manned missions to the Moon, with the last departing the lunar surface in December 1972. After that NASA, along with its international partners build the ISS, which remains the most incredible technological achievement of our lifetime. To construct the ISS, it has required the collaborative efforts of 15 nations to make this dream become a reality. The ISS orbits the Earth every 90 minutes and has maintained continued human presence since 2000. Students at Nagoya University have not really known a time when humans have not been in space. What's next? Garvey will explain how NASA is leading an international effort to send astronauts back to the Moon as a precursor for eventual missions to Mars. During his presentation, he will discuss how NASA will accomplish this bold vision and answer questions from the audience.



Mr. Garvey McIntosh  
(NASA Asia  
Representative, U.S.  
Embassy in Tokyo)

**BIO :** Garvey McIntosh is currently the NASA Asia Representative based at the U.S. Embassy in Tokyo. In this capacity he is responsible for the coordination of NASA's programs and interests in Japan and other countries in the Asia Pacific Region. He also works with regional aerospace officials on key programs and serves as a local point of contact for NASA meetings and travel within the region. Since joining NASA in the Office of International and Interagency Relations (OIIR) almost 14 years ago, Garvey has accumulated a broad range of experience. While in OIIR, he has supported international cooperation on the Space Shuttle and the International Space Station, high-energy physics and astronomy, and collaboration with India on the Chandrayaan-1 lunar mission. Garvey has led OIIR's support to the Aeronautics Research Mission Directorate, which included the signing of NASA's first new agreement with China in over 20 years. He also played a major role in the formation and work of the 26-member nation International Forum for Aviation Research (IFAR). Garvey has served as the OIIR Europe Team lead and lead for India, France, and the U.K. He also gained valuable experience during a detail assignment in which he served as the Executive Officer to the former NASA Deputy Administrator Lori Garver. Prior to joining NASA, Garvey studied economic policy and language in Vietnam as a distinguished Boren Fellow, and spent 4 years in Nagasaki, Japan, where he taught English. He received his graduate degree from the Monterey Institute of International Studies in California and his undergraduate degree from Northeastern University in Massachusetts.