



John A. Hamley

John Hamley, a 1985 Graduate of the William Rayen School of Engineering at Youngstown State University in Youngstown, Ohio is the Manager of the Radioisotope Power Systems (RPS) Program for NASA. The RPS Program Office is an agency level organization that works with the Department of Energy to ensure the availability of RPS for NASA's planetary science missions where more traditional power systems cannot enable the mission, or where the RPS will significantly enhance the mission capability. These devices are currently powering the Voyager, Cassini, and New Horizons spacecraft and the Mars Curiosity Rover. The RPS Program office is housed at the NASA Glenn Research Center in Cleveland, Ohio. He also received master's degrees in electrical engineering and business administration from Cleveland State University in 1990 and 2003.

Prior to his management of the RPS Program, he was the Acting Deputy Director of Space Flight Systems at Glenn. He also held Division and Branch Chief Positions in the space flight and space propulsion test facilities operations areas at the center. Before entering the management track, he was the lead electrical engineer for electric propulsion and plasma work. His key contributions in this area included development and flight of power electronics for the NSTAR ion propulsion system (DAWN, DS1), the ISS plasma contactor, and Hall and arcjet thrusters.