Pat Mulroy serves as a Non-resident Senior Fellow for Climate Adaptation and Environmental Policy for The Brookings Institution and also as a Practitioner in Residence for the Saltman Center for Conflict Resolution at the UNLV William S. Boyd School of Law. She also holds a faculty position at the Desert Research Institute, where she serves as the Maki Distinguished Faculty Associate. Mulroy also serves on the Wynn Resorts Ltd Board of Directors.

Between 1989 and early 2014, Pat Mulroy served as General Manager of both the Las Vegas Valley Water District and the Southern Nevada Water Authority (SNWA). Mulroy was a principal architect of the SNWA, helping to guide Southern Nevada through one of the worst droughts in the history of the Colorado River.

At UNLV's Boyd School of Law and DRI, Mulroy's focus is on helping communities in water-stressed areas throughout both the American Southwest and the world develop strategies to address increased water resource volatility and identify solutions that balance the needs of all stakeholders.