Hi, I’m Dr Renee Horton- the SLS Lead Metallics and Weld Engineer at NASA Michoud Assembly Facility.

I am SLS, Boots on the ground.

Not all of us get a chance to do what we love to do every day so I feel extremely lucky to work at NASA because it is my dream job.

I spent many nights gazing at the stars as a child wondering if there was anything beyond our universe.

We often traveled to Biloxi to visit my uncle in the Air Force and we would stop at the rest area outside of Stennis Space Center and I would get a chance to play in the NASA area and pretend I was going into space.

I decided one day I wanted to be an astronaut to see the beyond.

I joined the Air Force Rotc and during my physical I learned that I had a hearing loss.
and later was diagnosed with a hearing impairment and I couldn’t be an astronaut, but I would

be able to send astronauts into space.

I hold an Electrical Engineering degree from LSU.

I am the first in my family to receive a PhD and the first African American to receive my PhD in Material Science and Physics from the University of Alabama.

GO TIGERS!

My degree was funded all on NASA scholarships.

I started working for NASA after I graduated in the Materials Test lab, then in System Engineering and now I am the SLS lead metallic and weld specialist at NASA Michoud Assembly Facility.

My current priority is the Vertical Assembly Center which is the largest weld tool in the world.

Each day I walk the factory floor with a lot
of pride in working for such a talented work force that is made up of people from all walks of life, cultures and races.

We are all contributing to the next big thing happening at NASA Michoud, we are all a part of history each day.