



Dr. Guhathakurta has led the development of Heliophysics as an integrated scientific discipline from which fundamental discoveries about our universe provide direct societal benefits. She made possible the flagship missions (e.g. the Solar Dynamics Observatory, Van Allen Probes, Solar Orbiter Collaboration and Parker Solar Probe) including STEREO that would revolutionize our understanding of how the Sun shapes space weather in the solar system.

Since 2017, she has been the driving force at NASA Headquarters, heliophysics division, behind the growth of Artificial Intelligence and Frontier Development Laboratory, both in terms of the breadth of problem areas tackled as well as in the number of agency and industry partners (e.g. Google, Nvidia, IBM, Intel, Lockheed Martin, Planet). She is presently a Senior Advisor for New Initiatives at Goddard Space Flight Center, and Program Scientist at HQ, HPD.