

I have had extensive hands-on and leadership experiences in all stages of several large-scale experiments. As an original member of the collaboration, I have not only witnessed DUNE emerging as a full international collaboration but also have had a significant role in this unification, through the work on both single and dual phase detectors. Through several sabbaticals at CERN, I have been personally engaged in detector R&D and ProtoDUNE, working closely with the Neutrino Platform team. My group at UT Arlington has major hardware construction responsibilities for both Phase I Far Detectors. I founded and led the beyond the Standard Model physics group and have continued working on developing new topics to distinguish DUNE from its competitors.

Successfully navigating through challenges in funding supports necessary to complete DUNE Phase I requires excellent coordination and seamless communications between the stakeholders: Fermilab, the funding agencies, DUNE leadership and project management and the collaborating institutions. As the deputy USRB chair, I would be assisting the chair, Bob Wilson, in clearly delineating the roles and responsibilities of the USRB, establishing its organization for it to become a strong, effective advocate for US institutions while ensuring international harmony, and enabling communication channels across US and international stakeholders. My deep engagement in the USRB and its MAC from their inception would help ensure the continuity and further development of a well-established USRB organization. This will be critical for the successful completion and physics operation of DUNE Phase I, the necessary and essential conditions for Phase II.