



The National Quantum Initiative

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With the recent passage of the National Quantum Initiative (NQI) into law, increased levels of Quantum research and workforce development will be enabled. Undoubtedly, this work will accelerate breakthroughs in many Quantum Information Science and Technology areas. In this talk, I will briefly describe the National Photonics Initiative (NPI) and its linkage to the National Quantum Initiative. Further, I will describe the background of the NQI and discuss the roles, as defined in the legislation, for the Office of Science and Technology Policy (OSTP), NIST, NSF and the DOE. Finally, I will describe the next steps planned to address funding “appropriation” process associated with the \$1.275B that has been allocated to the work described in the legislation.