

Project Title: SUPPORTING THE NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH RESOURCE (NAIRR) TASK FORCE

Awardee: Institute for Defense Analysis

Contract Number: 49100421F0112

Award Type: R&D

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NSF Program Director: Erwin Gianchandani, egiancha@nsf.gov

Abstract:

STPI researchers will identify and characterize the exemplar AI research resources made available by the Federal Government to the R&D community that are of most interest to the Task Force, and help to identify additional examples as needed. STPI will assess the key capabilities provided by each, identifying how these resources could combine to address key NAIRR goals named by the Task Force or inform the design of new elements of a NAIRR, as directed by NSF. This analysis will be based on publicly available information, discussions with/among Task Force members, and interviews with additional experts as needed to help answer specific Task Force research questions. STPI researchers will draw upon past work on R&D infrastructure; scientific, technical, and policy literature; and new case studies as needed to identify and characterize potential governance, oversight, and funding models for the NAIRR. Additionally, STPI will draw upon Task Force member insights and existing research (e.g., in the areas of infrastructure design, cybersecurity, privacy, ethics, or human systems integration) to identify key principles for access, security, and user interface design for the NAIRR's cyberinfrastructure.