The research reported here is directed toward increasing both the depth and the breadth of game-theoretic research into verification. Three research directions were taken up:

(a)   Optimal allocation of inspection and cheating effort, with particular reference to an inspection problem which might arise under a chemical weapons non-production treaty.

(b)   Agency theory applied to characterize an arms control treaty and the verification process in the treaty and to derive strategic implications based on these characterizations.

(c)   Multilateral verification, with emphasis on how it differs in principle from bilateral verification.