

Dr. Nabil R. Adam
Short Biographical Sketch

Research: Dr. Adam is serving as the Vice Chancellor for Research & Collaborations at Rutgers University-Newark. He is a Distinguished Professor of Computers & Information Systems and Professor of Medicine, New Jersey Medical School, Rutgers University; the Founding Director of the Rutgers Institute for Data Science, Learning, and Applications (I-DSL); and the Founding Director of the Rutgers CIMIC Research Center. He is a Co-founder and past Director of the Meadowlands Environmental Research Institute. He was on loan as a Fellow to the US Department of Homeland Security- Science & Technology Directorate where he served as a Senior Program Manager, a Branch Chief and managed the Complex Event Modeling, Simulation, and Analysis program, served as the technical lead for the Unified Incident Command & Decision Support System program, and initiated the Cyber-physical Systems Security initiative and the Social Media Alert and Response to Threats to Citizens (SMART-C) initiative. He served as a Research Fellow at the Center of Excellence in Space Data and Information Science, NASA Goddard Space Flight Center. He was a member of the Science Council of the Research Institute for Advanced Computer Science, NASA Ames. He is a founding member of the consortium for System of Systems Security (SOSSEC) and member of the Board of Directors of SOSSEC, Inc.



II. Publication and Invention: Dr. Adam has co-authored/co-edited ten books and over 200 publications covering such topics as information management, information security and privacy, data mining, Web services, workflow, and modeling & simulation. Papers appeared in refereed journals and conference proceedings including, IEEE Transactions on Service Computing, IEEE Transactions on Software Engineering, IEEE Transactions on Knowledge and Data Engineering, ACM Computing Surveys, Communications of the ACM, Journal of Management Information Systems, and International Journal of Intelligent and Cooperative Information Systems. He is the co-founder and the Executive-Editor-in-Chief of the International Journal on Digital Libraries and serves on the editorial board of a number of journals including Journal of Management Information Systems, and the Journal of Electronic Commerce. He was selected as a distinguished speaker (on Digital Libraries/Electronic Commerce) in the IEEE Computer Society's Distinguished Visitors Program (DVP). He is a recipient of the IEEE 2012 Research Achievement and Leadership Award in Intelligence and Security Informatics; the co-founder and past chair of the IEEE Technical Committee on Digital Libraries; and is a member of the Executive Board. He was invited to serve (as a member of the Program Committee, Program Committee Chair, General Chair, and Vice-General Chair) on several international conferences including IEEE ICDE, ACM SIGMOD/PODS, IEEE ADL, and ACM CIKM.

III. Patents: He holds a U.S. Patent and Trademark Office issued Patent, a European issued Patent and has a pending patent applications submitted to the U.S. Patent and Trademark Office.

IV. Grants: His research work has been supported by over \$22 million from various federal and state agencies, including: DHS; NSF; NSA; EPA; DoD; NASA; NIH; NOAA; National Academies of Sciences, Engineering, and Medicine; and the NJ Meadowlands Commission.

V. National/International Talks: He has been invited as a keynote speaker and a lecturer at several national/international institutions/forums/workshops including: "Cyber Security Challenges around the world", 17th Int. Conference on the Digital Government Research, 2016, Shanghai, China; "Cyber Security International Symposium in Seoul", Seoul, Korea, 2016; "The 24th Annual Conference on Pacific Basin Finance, Economic, Accounting, and Management", Taiwan, 2016; "Annual Conference for Chinese Public Safety Association, Beijing, China, 2016; "The International Conference on Higher Education 2014 (ICHE2014)," Tel Aviv, Israel, 2014; "1st Annual Conference for Chinese Public Safety Association, Beijing, China, 2014; "From GPS and Virtual Globes to Spatial Computing-2020" Workshop sponsored by NSF and Computing Community Consortium, Washington, DC, 2012; IEEE International Conference on Intelligence and Security Informatics, Washington, DC., 2012; Social Media and Public Safety: A Conference in the Nationwide Series on Critical Infrastructure Sector Issues. InfraGard San Diego Members Alliance and the InfraGard National Members Alliance, San Diego, CA, 2012; Fayetteville State University's Center for Defense and Homeland Security 1st Annual National Security Alumni Symposium, Fayetteville, NC., 2012; dgo 2011: 12th Annual International Conference on Digital Government Research 2011; DOD M&S Steering Committee Offsite Wargame, 2011; Industrial Control Systems Joint Working Group 2011 Spring Conference; Ontology Summit Symposium & Workshop, NIST, 2011; Nuclear Information Technology Strategic Leadership Workshop, 2010.