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Rawat successfully led and established the Research Institute for Tactical Autonomy (RITA), *the 15th University Affiliated Research Center (UARC) of the US Department of Defense as the PI/Founding Executive Director* at Howard University. Rawat is engaged in research and teaching in the areas of cybersecurity, machine learning, big data analytics and wireless networking for emerging networked systems including cyber-physical systems (eHealth, energy, transportation), Internet-of-Things, multi domain operations, smart cities, software defined systems and vehicular networks.

Rawat has secured over **$110** million as a principal investigator and over **$18** million as a co-principal investigator in research funding from the US National Science Foundation (NSF), US Department of Homeland Security (DHS), US National Security Agency (NSA), US Department of Energy, National Nuclear Security Administration (NNSA), National Institute of Health (NIH), US Department of Defense (DoD) and DoD Research Labs, Industry (Microsoft, Intel, VMware, PayPal, Mastercard, Meta, BAE, Raytheon etc.) and private foundations.

Rawat is the recipient of the **[US NSF CAREER Award]()**, the US **Department of Homeland Security (DHS) Scientific Leadership Award**, and numerous other awards. Rawat has published over **350** scientific/technical articles and 11 books. He has successfully supervised and graduated **35** PhD students (out of which **28** were under-represented PhD students including 13 female PhD students), successfully supervised 30+ MS students and mentored 7 postdocs, and has been supervising 25 Ph.D. students and mentoring 3 postdocs. Furthermore, he has successfully mentored over **120** minority undergraduate students. He has been serving as an Editor/Guest Editor for over 100 international journals including the associate editor of IEEE Transactions on Big Data, associate editor of *IEEE Transactions on Information Forensics & Security,* associate editor of *Transactions on Cognitive Communications and Networking,* etc.

His [Erdös number]() is 3 and Dijkstra number is 4.