Grants / Funding

James B D Joshi

Updated: Sept 27, 2023

External Grants with PI role

1. Interpersonal Assignment (IPA) Act support for serving as Program Director at NSF (2019-2023)

2. NSF-CICI

    SAC-PA: Towards Security Assured Cyberinfrastructure in Pennsylvania (2016 – 2018)

    (With Brian Stengel, Michael Spring, Prashant Krishnamurthy, Balaji Palanisamy) Amount: $499,951.00

3. NSA CAE Cybersecurity Grant

    Towards Insider Threat Assessment and Mitigation (2014 – 2015)
    (With P. Krishnamurthy, and D. Tipper)
    Amount: $264,553

4. NSF-DGE Award (SFS - Capacity)

    A Curriculum for Security Assured Health Informatics, NSF-DGE Award (2014 – 2017/2018(Exd));

    (With K. Pelechrinis, B. Palanisamy, B. Parmanto, P. Krishnamurthy) Amount: $897,055.00

5. CISCO Grant

    DiCoTraM: Towards a Distributed Collaborative Traffic Monitoring System Amount: $54,034; Period: 2012-2013

6. NSF Federal Cyber Service

    A Scholarship Program for Security Assured Information Systems Track (With M. B. Spring , P. Krishnamurthy, D. Tipper)
    Amount: $ $1,326,071.00; Period: 2011-2014 (extended)

7. NSF Federal Cyber Service

    A Scholarship Program for Security Assured Information Systems Track

(With M. B. Spring , P. Krishnamurthy, D. Tipper)
Amount: $1,055,553.00; Period: 2006-2011

8. NSF-CAREER (IIS Program)

    A Trust-based Access Control Management Framework for Secure Information Sharing and Multimedia Workflows in Heterogeneous Environments;
    Amount: $416,419.00; Period: 2006-2011

9. DoD IASP proposal

    Capacity Building (*Research + Equipment*) *and IRMC Partnership*
    (with P. Krishnamurthy, D. W. Tipper, M. B. Spring)
    Amount: ~$55,000 (Capacity Building only), 2006

10. DoD IA Scholarship Program

    Program Partnership with the Information Resource Management College (IRMC) *of the National Defense University* (NDU) (For IRMC Partnership and Capacity Building)
    Amount: $273,660, (approved overall budget); in 2005

11. CISCO CIAG Equipment Grant

    A Proposal for Cisco CIAG Equipment Grant
    Amount: ~$130,000; Spring 2005.

External Grants with Co-PI role

12. NSF OAC: CyberTraining:

    CDL: Security-Assured Data Science Workforce Development in Pennsylvania
    (with Balaji Palanisamy [PI], Konstantinos Pelechrinis, Brian Stengel)
    Amount: $499,952; Sept, 2017 – Aug, 2020

13. NSF CMMI – RAPID

    RAPID: Scalability and Sustainability in Uncertain Environments: Recovery from the Nepal Earthquakes of April 25 and May 12, 2015
    (PI: Louise Comfort)
    Amount: $46,327

14. NIST

    Standards: People, Process, Products and Productivity Focus on Information Technology Standards
    (With M. B. Spring (PI), P. Krishnamurthy, D. Tipper)
    Amount: $99,535, Period: 2013-20014

15. NSF-IIS (CPATH Program)

CPATH-1: Health Computing: Integrating Computational Thinking into Health Science Education
(with Leming Zhao (PI), Bambang Parmanto, Qi Mi, Mervat Abdelhak)
Amount: $283,640, Period: 2007-2009.

16. NSF CNS Division

CSR: SGER: Dynamic Data Driven Defense Mechanisms for Cybersecurity
(with David Tipper (PI), Prashant Krishnamurthy)
Amount: $104,537.00, Period: 2007-2009.

17. NSF Federal Cyber Service (as co-PI)

A Curriculum in Security Assured Information Systems
(With M. B. Spring (PI), P. Krishnamurthy, D. Tipper)
Amount: $ $283640; Period: 2004-2006

Internal Grants – all with PI role

18. University of Pittsburgh Institute for Cyber Law, Policy and Policy (PittCyber

   o *Distinguished Seminar Series* (with Balaji Palanisamy, $10,000)

19. University of Pittsburgh CRDF

An Adaptive Framework for Security-Assured Survivable Information Systems;
Amount: $19,988; Year: 2004-2006

20. Research Interest Group (RIG) – Phase I Funding from the Dean (through internal Competitive)

Security Assured Information Systems (SAIS) RIG
(as RIG Leader and its representative to the Research Advisory Committee)
Amount: $20,000; Year 2006-07

21. Dean's Entrepreneurial Initiatives

LERSAIS Seminar and Student Research Groups
(with P. Krishnamurthy, D. W. Tipper, M. B. Spring)
Amount: $15,000; Year: 2005-06

22. Dean's Entrepreneurial Initiatives

Laboratory of Education and Research on Security Assured Information Systems
(with P. Krishnamurthy, D. W. Tipper, M. B. Spring)
Amount: $12,000; Year: 2004-05 (1 Year)