

## JAMES BIKRAM DHOJ JOSHI

706A IS Building  
135 N. Bellefield Avenue, PA 15260  
Office: (412) 624-9982

227 MacDuff Court  
Gibsonia, PA 15044  
Home: (724) 502-4076

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### GRANTS

#### *External Grants with PI role*

1. NSA CAE Cybersecurity Grant

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

2. NSF-DGE Award (SFS - Capacity)

*A Curriculum for Security Assured Health Informatics, NSF-DGE Award (2014 - 2017);*  
(With K. Pelechris, B. Palanisamy, B. Parmanto, P. Krishnamurthy)  
Amount: \$897,055.00

3. CISCO Grant

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

4. 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

5. 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

6. 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

7. DoD IASP proposal

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

8. 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

9. CISCO CIAG Equipment Grant

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

*External Grants with Co-PI role*

10. 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

11. 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

12. 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: \$104,537.00, Period: 2007-2009.

13. 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.

14. 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*

15. University of Pittsburgh CRDF

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

16. 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

17. Dean's Entrepreneurial Initiatives

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

18. 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)