The following information should be provided for each information may delay consideration of this proposal.	investigator and other senior personr	nel. Failure to provide this		
	Other agencies (including NSF) to which this	proposal has been/will be submit-		
Investigator: Manish Parashar	None			
Support: $oxtimes$ Current $oxtimes$ Pending $oxtimes$	Submission Planned in Near Future	*Transfer of Support		
Project/Proposal Title: Exascale Co-Design Center				
This project explores power/performance tradeoffs for the ap	oplication workflows at extreme scales an	nd specifically, the meta-skeleton		
framework for these tradeoffs. There are no overlaps with p	roposed research.	•		
Source of Support: Department of Energy (DoE), via subcortotal Award Amount: \$300,000 Total Aw	ard Period Covered: 01/01/2012-12/31/20			
,				
Location of Project: Rutgers, The State University of New		vard Number: 4000126989		
Person-Months Per Year Committed to the Project. 0.0	Cal: Acad:	Sumr: 0.0		
	Submission Planned in Near Future	*Transfer of Support		
Project/Proposal Title: Scalable Data Management, Analysis, and Visualization This project focuses on developing and deploying a data staging substrate for application workflows on production high-end computing systems. There are no overlaps with proposed research.				
Source of Support: Department of Energy Award Number	er: SC0007455			
Total Award Amount: \$625,000 Total Aw	ard Period Covered: 02/15/2012-2/14/20	16		
Location of Project: Rutgers, The State University of Ne	ew Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.5	Cal: Acad:	Sumr: 0.5		
Support:	Submission Planned in Near Future	*Transfer of Support		
Project/Proposal Title: Partnership for Edge Physics Simula This project is developing a framework for enabling coupled using data staging approaches. There are no overlaps with	fusion simulations and is specifically targ	geting memory-to-memory coupling		
Source of Support: Department of Energy Award Number				
	ard Period Covered: 07/01/2012-06/31/2	017		
Location of Project: Rutgers, The State University of New J				
Person-Months Per Year Committed to the Project. 0.0		Sumr: 0.0		
Support:	Submission Planned in Near Future	☐ *Transfer of Support		
The goal of this is to understand innovative science and er	5	re enabled by a hybrid federated		
ACI that includes Clouds and HPC resources, and to explo	re programming and middleware support			
application formulations. There are no overlaps with propo	sed research.			
Source of Support: NSF Award N	umber: ACI1339036			
	ard Period Covered: 06/01/2013-05/31/1	6		
Location of Project: Rutgers, The State University of New				
Person-Months Per Year Committed to the Project. 2	Cal: 2 Acad:	Sumr:		
Support: Current Pending	Submission Planned in Near Future	*Transfer of Support		
Project/Proposal Title: Error Estimation, Data Assimilation				
in Geological Media				
This project is developing a framework for enabling coupled using data staging approaches. There are no overlaps with		geting memory-to-memory coupling		
using data staging approaches. There are no overlaps with	oroposed research.			
Source of Support: National Science Foundation	Award Number: DMS 1228203			
Total Award Amount: \$210,000 Total Award Period Covered: 09/01/2012-08/31/2015				
Location of Project: Rutgers, The State University of New J	ersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.0	Cal: Acad:	Sumr: 0.0		
*If this project has previously been funded by another ceding funding period.	agency, please list and furnish inform	ation for immediately pre-		

The following information should be provided for each in formation may delay consideration of this proposal.	nvestigator and other senior pe	rsonnel. Failure to provide this in-		
romanon may acial constant of the proposal	Other agencies (including NSF) to w	hich this proposal has been/will be submitted.		
Investigator: Manish Parashar	None			
Support:	Submission Planned in Near F	uture		
Project/Proposal Title: Scalable Data Coupling Abstraction for	or Data-Intensive Simulation Work	flows		
This project is exploring programming abstractions and runtim There are no overlaps with proposed research. Source of Support: National Science Foundation A	e systems for coupled workflows ward Number: ACI - 1310283	from a computer science perspective.		
Total Award Amount: \$547,283 Total Award Amount:	ard Period Covered: 05/01/2013-0	04/30/2016		
Location of Project: Rutgers, The State University of Ne	w Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.2	5 Cal: Acad	: Sumr: 0.25		
Support:	-	ffs for Systems with Deep Memory Hier-		
with proposed research.	e platform for studying power/per	iornance tradeons. There are no overlaps		
Source of Support: National Science Foundation	Award Number: CNS - 1305375			
• •	ard Period Covered: 04/01/2013-0	03/31/2016		
Location of Project: Rutgers, The State University of Ne	w Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.0	•	: Sumr: 0.0		
Support:	s for in-situ processing of data int	ssing of extreme scale data: (RSVP) ensive applications at extreme scales.		
	Covered: 11/01/2013 – 10/31/20			
Location of Project: Rutgers, The State University of Ne	w Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.5	•	: Sumr: 0.5		
Support:	Submission Planned in Near F			
Project/Proposal Title: Advanced Compute and Data Cloud This infrastructure project develops an experimental hardware platform for studying power/performance tradeoffs. There are no overlaps with proposed research.				
Source of Support: New Jersey Higher Education Capital Fac	cilities Grant Program Award Nur	nber: 047-12		
Total Award Amount: \$10,000,000 Total Award Amount:	ard Period Covered: 11/01/2013 -	- 10/31/2016		
Location of Project: Rutgers, The State University of Ne	w Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.0	Cal: Acad			
Support: Current Pending Project/Proposal Title: Development and Dissemination of M The project designs, develops, validates and disseminates an no overlaps with proposed research.		cs Tool for Muscle		
Source of Support: University of Florida Award N	lumber: UFOER00010411			
	ard Period Covered: 09/01/2014-0	08/31/2019		
Location of Project: Rutgers, The State University of New Jersey, New Brunswick, NJ				
Person-Months Per Year Committed to the Project. 0.5	•	: Sumr: 0.5		
*If this project has previously been funded by another a funding period.	gency, please list and furnish in	formation for immediately preceding		

information may delay consideration of this proposal.	9	l. Failure to provide this
	Other agencies (including NSF) to which this pro	oposal has been/will be submit-
Investigator: Manish Parashar	None	
Support:	Submission Planned in Near Future	
Project/Proposal Title: EAGER: Exploring Federations of C ence: A Case Study using Open Science Grid	Campus and National Cyberinfrastructure as	Scalable Platforms for Sci-
The project is used as a case study for using the open scier	nce grid. There are no overlaps with propos	ed research.
Source of Support: National Science Foundation	Award Number: ACI1441376	
Total Award Amount: \$279,624 Total Aw	ard Period Covered: 09/01/2014 - 04/30/20	16
Location of Project: Rutgers, The State University of No	ew Jersey, New Brunswick, NJ	
Person-Months Per Year Committed to the Project. 0.0	Cal: Acad:	Sumr: 0.0
Support:	Submission Planned in Near Future	*Transfer of Support
Project/Proposal Title: OOI Rutgers Cyberinfrastructure Op	perations and Maintenance (PI) Award Numb	per: 032775-001-019
This project operates and maintains OOI software/web into		
coming through the Regional Scale Node, Coastal and Glo		
proposed research. Source of Support: Consortium for Occ Initiative (OOI)	ean Leadership (COL), National Science Fo	undation Ocean Observatories
	Covered: 05/01/2015-09/30/2017	
Location of Project: Rutgers, The State University of New		
Person-Months Per Year Committed to the Project. 0.0		Sumr: 0.0
Support:	Submission Planned in Near Future	*Transfer of Support
Project/Proposal Title: S2I2: Impl: Chemicals and Materials		
The goal is to develop cyber infrastructure enabled, multisca materials from first principles. There are no overlaps with p		sign of future chemicals and
Inaterials from first principles. There are no overlaps with p	roposed research.	
Source of Support: National Science Foundation		
1	vard Period Covered: 02/01/2016 – 1/31/202	1
Total Award Amount: \$1,159,393 Total Aw Location of Project: Rutgers, The State University of New Jo		1
Total Award Amount: \$1,159,393 Total Aw Location of Project: Rutgers, The State University of New Je Person-Months Per Year Committed to the Project. 0.5	ersey, New Brunswick, NJ 6 Cal: 0 Acad: 0	Sumr: 0.5
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future	Sumr: 0.5 *Transfer of Support
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Jerson-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizat	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing &	Sumr: 0.5 *Transfer of Support Guided by Big Data
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Jerson-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizat The purpose of this research will emphasize high performance.	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi	Sumr: 0.5 *Transfer of Support Guided by Big Data ing fractures using large
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Jerson-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizat	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr	Sumr: 0.5 *Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related information.	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr	Sumr: 0.5 *Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Jerson-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizated The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related informations.	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fi mation. There are no overlaps with propose	Sumr: 0.5 *Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems and research.
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performance subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related informations. Source of Support: National Science Foundation Total Award Amount: \$314,574 Total Award Amount: \$314,574	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20	Sumr: 0.5 *Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems and research.
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of New York Person.	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems and research.
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of National Seigner Person-Months Per Year Committed to the Project. 0.5	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems and research.
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of National Support: Current Pending	ersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems and research.
Total Award Amount: \$1,159,393 Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational appliand big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of National Support: Current Pending Project/Proposal Title: NRT-IGE: Data Science Learning Computer Students who have the project of Supports of	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in frantion. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge have specific questions but will also facilitate	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems ad research. Sumr: 0.5 Transfer of Support e peer learning to create a
Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of National Science Information Informat	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in frantion. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge have specific questions but will also facilitate	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems ad research. Sumr: 0.5 Transfer of Support e peer learning to create a
Total Award Amount: \$1,159,393 Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journal Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational appliand big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of National Support: Current Pending Project/Proposal Title: NRT-IGE: Data Science Learning Computer Students who have the project of Supports of	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in frantion. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge have specific questions but will also facilitate	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems ad research. Sumr: 0.5 Transfer of Support e peer learning to create a
Total Award Amount: \$1,159,393 Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journel Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of Note Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: NRT-IGE: Data Science Learning Composed This will serve as an immediate resource for students who have sustainable community for mentoring students from beginned Source of Support: National Science Foundation	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in frantion. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge have specific questions but will also facilitate	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems ad research. Sumr: 0.5 Transfer of Support e peer learning to create a posed research.
Total Award Amount: \$1,159,393 Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Jerson-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizated The purpose of this research will emphasize high performance subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related informations. Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of New Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: NRT-IGE: Data Science Learning Composed Title: NRT-IGE: Data Science Learning Compos	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge nave specific questions but will also facilitate er to expert. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems ad research. Sumr: 0.5 Transfer of Support e peer learning to create a posed research.
Total Award Amount: \$1,159,393 Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Journel Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizate The purpose of this research will emphasize high performan subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related inform Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of Note Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: NRT-IGE: Data Science Learning Composed This will serve as an immediate resource for students who have sustainable community for mentoring students from beginned Source of Support: National Science Foundation	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge have specific questions but will also facilitate er to expert. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems ad research. Sumr: 0.5 Transfer of Support e peer learning to create a posed research.
Total Award Amount: \$1,159,393 Total Award Amount: \$1,159,393 Location of Project: Rutgers, The State University of New Jerson-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: Fractured Subsurface Characterizated The purpose of this research will emphasize high performance subsurface seismic data sets, advanced computational applicant big data analytics for extraction of fracture related informations. Source of Support: National Science Foundation Total Award Amount: \$314,574 Location of Project: Rutgers, The State University of New Person-Months Per Year Committed to the Project. 0.5 Support: Current Pending Project/Proposal Title: NRT-IGE: Data Science Learning Composal Title: NRT-IGE: Data Science Learning Compos	ersey, New Brunswick, NJ Submission Planned in Near Future tion using High Performance Computing & nce computation approaches for characterizi roaches for modeling flow and transport in fr mation. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0 Submission Planned in Near Future Concierge have specific questions but will also facilitate er to expert. There are no overlaps with propose vard Period Covered: 01/01/2016 – 12/31/20 ew Jersey, New Brunswick, NJ ew Jersey, New Brunswick, NJ Cal: 0 Acad: 0	Sumr: 0.5 Transfer of Support Guided by Big Data ing fractures using large ractured subsurface systems and research. Sumr: 0.5 Transfer of Support a peer learning to create a posed research.

The following information should be provided for each	investigator and other senior personnel.	Failure to provide this		
information may delay consideration of this proposal.	Other agencies (including NSF) to which this pro	posal has been/will be submitted.		
Investigator: Manish Parashar	None	•		
Support:	Submission Planned in Near Future	☐ *Transfer of Support		
Project/Proposal Title: CC*DNI DIBBS: Rutgers University				
The goal is to conceptualize, design and implement ruVDF a collaborative research, and science and engineering innovat				
Source of Support: National Science Foundation				
	ard Period Covered: 09/01/2015 - 08/31/202	20		
Location of Project: Rutgers, The State University of No	ew Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.2	5 Cal: 0 Acad: 0	Sumr: 0.25		
, <u> </u>	Submission Planned in Near Future	☐ *Transfer of Support		
Project/Proposal Title: CSR: Medium: Sustainable and Resilient Computing in Virtualized Systems with Deep Memory Hierarchies The goal of this research is to realize sustainable and resilient computing through autonomic management of instrumented datacenters with deep memory hierarchy. There are no overlaps with proposed research.				
Source of Support: National Science Foundation				
Total Award Amount: \$799,275 Total Aw	ard Period Covered: 08/01/2015 – 07/31/20	18		
Location of Project: Rutgers, The State University of No	ew Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 0.5	Cal: 0 Acad: 0	Sumr: 0.5		
Support: \square Current \boxtimes Pending \square	Submission Planned in Near Future	☐ *Transfer of Support		
Project/Proposal Title: BD Hubs: Collaborative Proposal: Goal is to create and infrastructure that links together organidata, infrastructure, software and research approaches. The	zations across the region that are working in			
Source of Support: National Science Foundation				
	ard Period Covered: 10/01/2015-09/30/2018	3		
Location of Project: Rutgers, The State University of No				
Person-Months Per Year Committed to the Project. 0.0	Cal: 0 Acad: 0	Sumr: 0.0		
	Submission Planned in Near Future	☐ *Transfer of Support		
Project/Proposal Title: D3RM: Dynamic Distributed Data-c		ch science data user		
The purpose will be a new approach to distributed resource management at experimental facilities in which science data, user requirements, and resource owner requirements are all first-class objects, named and capable of being reasoned about. There are no				
overlaps with proposed research.				
Source of Support: Department of Energy (DOE)				
	ard Period Covered: 09/01/2015-08/31/2018	}		
Location of Project: Rutgers, The State University of No	ew Jersey, New Brunswick, NJ			
Person-Months Per Year Committed to the Project. 1.0	Cal: 0 Acad: 0	Sumr: 1.0		
Support: ☐ Current ☐ Pending ☐	Submission Planned in Near Future	Transfer of Support		
Project/Proposal Title: S2ES: Science-driven Data Manage				
The project aims to develop a cooperative approach for stori				
together to optimize performance with respect to user requirements, current system state, and characteristics of the tiered-storage system. There are no overlaps with proposed research.				
Source of Support: Department of Energy (DOE)				
Total Award Amount: \$510,000 Total Awa	ard Period Covered: 09/01/2015-08/31/2018	3		
Location of Project: Rutgers, The State Unive	rsity of New Jersey			
Person-Months Per Year Committed to the Project. 0.7	5 Cal: 0 Acad: 0	Sumr: 0.75		
*If this project has previously been funded by another a ing funding period.	agency, please list and furnish informatio	n for immediately preced-		