

# Center and Institute Proposals Submitted During the Period 12/1/2011 to 12/31/2011

Investigators(s)	Proposal Title	Sponsor	Proposal \$
<b>Research: Advanced Diagnostics &amp; Therapeutics</b>			
Bohn, Paul W (PI)	SafePort Optical Sciences Team	Department of Army	69,999
		<b>Center Total</b>	<b>69,999</b>
<b>Research: Center for Nano Science and Technology</b>			
Bernstein, Gary H (CO-PI)	SHF: Small: Computing in "Extreme Environments" with Nanomagnet Logic	National Science Foundation	500,000
Hu, Xiaobo (CO-PI)			
Jena, Debdeep (CO-PI)			
Niemier, Michael T (PI)			
Porod, Wolfgang (CO-PI)			
		<b>Center Total</b>	<b>500,000</b>
<b>Research: Center for Research Computing</b>			
Cheng, Ying (PI)	ICES: Small: Cognitive Diagnostic Computerized Adaptive Testing	National Science Foundation	391,389
Balsara, Dinshaw S (PI)	EXP: Prototyping the eTextBook of the Future - A Web-Enabled eTextBoo	National Science Foundation	547,387
Nabrzyski, Jaroslaw (CO-PI)			
Tryggvason, Gretar (CO-PI)			
		<b>Center Total</b>	<b>938,776</b>
<b>Research: center for Sustainable Energy at Notre Dame (cSEND)</b>			
Kuno, Masaru K (PI)	Innovations in Nanowire Manufacturing: Large Scale Synthesis of Inorga	Corporation	41,678
Kamat, Prashant V (CO-PI)	US Egypt Cooperative Research: Plasmonic-semiconductor nanostructures	National Science Foundation	97,344
Kuno, Masaru K (PI)			
		<b>Center Total</b>	<b>139,022</b>
<b>Research: Eck Family Inst for Global Health and Infectious D</b>			
Severson, David W (PI)	Investigation of the genetic basis for host-seeking behavior in Culex	National Institutes of Health	158,766
Milenkovic, Tijana (PI)	AF: Small: What Can Networks Tell Us About Aging?	National Science Foundation	499,986
		<b>Center Total</b>	<b>658,752</b>
<b>Research: Freimann Life Science Center</b>			
Suckow, Mark A (PI)	Modeling Angiogenesis	Corporation	2,805
		<b>Center Total</b>	<b>2,805</b>
<b>Research: Keough Naughton Institute for Irish Studies</b>			
Rotman, Deborah L (PI)	Ethnogenesis of Irish-American Identity in the Midwestern United State	National Endowment for the Humanit	272,168
		<b>Center Total</b>	<b>272,168</b>
<b>Research: iCeNSA Interdiscp Cter Network Science &amp; Applctns</b>			
Chawla, Nitesh V (CO-PI)	Ensemble-Based Modeling of Large Graphs and its Applications to Social	DARPA	3,239,928
Toroczka, Zoltan (PI)			
Chawla, Nitesh V (PI)	III:Small: Network Evolution: From node to links to subgraphs	National Science Foundation	494,771
Milenkovic, Tijana (PI)	AF: Small: What Can Networks Tell Us About Aging?	National Science Foundation	499,986
		<b>Center Total</b>	<b>4,234,685</b>
<b>Research: Institute for Flow Physics and Control</b>			
Cameron, Joshua D (PI)	VCAT Multi-stage Compressor Program	Corporation	6,035,000
Morris, Scott C (CO-PI)			
Corke, Thomas C (PI)	Plasma Adaptive Optics for High Bandwidth Optical Path Difference Cont	DARPA	396,190
Mattis, Eric H (CO-PI)			
		<b>Center Total</b>	<b>6,431,190</b>

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Investigators(s)	Proposal Title	Sponsor	Proposal \$
<b>Research: Kellogg Institute for International Studies</b>			
Bleck, Jaimie (PI)	New Civics: Local Radio Making Democratic Agents in Rural Africa	Foundation	39,544
		<b>Center Total</b>	<b>39,544</b>
<b>Research: QuarkNet Center</b>			
Wayne, Mitchell R (PI)	QuarkNet	National Science Foundation	7,714,719
		<b>Center Total</b>	<b>7,714,719</b>
<b>Research: Radiation Laboratory</b>			
Ptasinska, Sylwia (PI)	The influence of amino acids on DNA damage induced by low energy elect	Foundation	8,000
Kamat, Prashant V (CO-PI)	US Egypt Cooperative Research: Plasmonic-semiconductor nanostructures	National Science Foundation	97,344
Kuno, Masaru K (PI)			
		<b>Center Total</b>	<b>105,344</b>
<b>Research: Wireless Institute</b>			
Laneman, J. Nicholas (PI)	COPY CIF:Small:Collaborative Research: New Foundations for Physical-La	National Science Foundation	247,890
Haenggi, Martin (PI)	CIF: Small: Interference Engineering in Wireless Systems	National Science Foundation	470,117
Gupta, Vijay (CO-PI)	CIF: Smaall: Event-Triggered Distributed Estimation	National Science Foundation	499,652
Huang, Yih-Fang (PI)			
Fuja, Thomas E (CO-PI)	CIF: Small: High-Fidelity Input-to-Output Polarization Channel Modelin	National Science Foundation	499,842
Pratt, Thomas G (PI)			
Pratt, Thomas G (PI)	Pulse-Source Associations Using Polarimetric Techniques	National Security Agency	326,331
		<b>Center Total</b>	<b>2,043,832</b>