University	Program Name	Program Manager	FY 2011 Obl
Applied Physics Lab/U of Washington Spon Pg	ACTUV	Scott Littlefield	100,000
Applied Physics Lab/U of Washington Spon Pg	Distributed Agile Submarine Hunting (DASH)	Andrew Coon	25,000
Applied Physics Lab/U of Washington Spon Pg	STO Studies - MBT-02	Patrick W. Bailey	119,000
Applied Physics Lab/U of Washington Spon Pg	TT-03 Studies	David L. Neyland	711,055
Applied Physics Lab/U of Washington Spon Pg	Underwater Express	John C. Kamp	103,500
Arizona State University	7-Day Biodefense	Michael Callahan	2,386,110
Arizona State University	CERA (Carbon Electronics for RF Applications)	John Albrecht	165,169
Arizona State University	Young Faculty Award (YFA)	William Casebeer	147,705
Baylor College of Medicine	STORyNET	William Casebeer	399,912
Boston College	Studies	Thomas Lee	249,998
Boston University	ADEPT	Daniel Wattendorf	500,921
Boston University	Young Faculty Award (YFA)	Mark Neifeld	224,784
Brown U	NeoVision 2	Anthony Falcone	300,000
Brown U	Nanostructured Materials for Power	Brian Holloway	180,000
Brown U	Mathematics of Sensing, Exploitation and Execution (MSEE)	Gill Pratt	181,790
Brigham Young University	Information in a Photon (InPho)	William Casebeer	105,394
California Institute of Technology	ADEPT	Daniel Wattendorf	1,170,084
California Institute of Technology	Advanced Structural Fiber	Brian Holloway	85,000
California Institute of Technology	MESO(MesoDynamical Architectures)	Jeffrey Rogers	1,185,453
California Institute of Technology	Nanoscale Architecture for Coherent Hyper-Optic Sources	Scott Rodgers	900,000
California Institute of Technology	ORCHID(OPT RAD COOLING & HEATING IN INTEG DEVICES)	Jamil Abo-Shaeer	1,253,251
California Institute of Technology	Quantum Orbital Resonance Spectroscopy (QORS)	Matthew Goodman	250,000
California Institute of Technology	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	320,839
California Institute of Technology	REORGANIZATION AND PLASTICITY TO ACCELERATE INJURY RECOVERY	Geoffrey Ling	2,355,925
California Institute of Technology	RF PHOTONICS	Scott Rodgers	1,286,553
California Institute of Technology	TIP-BASED NANOFABRICATION	Tayo Akinwande	607,400
California Institute of Technology	Tactical Advanced Power (TAP)	Brian Holloway	475,000
California Institute of Technology	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	328,090
Carnegie Mellon University	Autonomous Robotic Manipulation (ARM)	Gill Pratt	895,155
Carnegie Mellon University	Computer Science Study Group (CSSG)	James Donlon	497,550
Carnegie Mellon University	Computer Science, Science, Tech, Eng & Math (CS/STEM)	Russ Shilling	2,636,555
Carnegie Mellon University	ENGAGE	Russ Shilling	486,157
Carnegie Mellon University	GUARD DOG	Randy Garrett	565,893
Carnegie Mellon University	META	Paul Eremenko	94,999
Carnegie Mellon University	Maximum Mobility and Manipulation (M3)	Gill Pratt	878,230
Carnegie Mellon University	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	1,239,453
Carnegie Mellon University	Mind's Eye	James Donlon	1,048,145
Carnegie Mellon University	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	300,560
Carnegie Mellon University	OH BY THE WAY (OBTW)	Dennis McBride	435,952
Carnegie Mellon University	Rapid SW Dev using Binary Components (RAPID).	Dan Roelker	330,000
Carnegie Mellon University	THERMAL MANAGEMENT TECHNOLOGIES	Avram Bar-Cohen	1,368,428
Carnegie Mellon University	TIP-BASED NANOFABRICATION	Tayo Akinwande	612,585
Carnegie Mellon University	Transformative Apps	Mari Maeda	290,000
Carnegie Mellon University	iFAB	Paul Eremenko	2,275,902
Case Western Reserve Univ	Maximum Mobility and Manipulation (M3)	Gill Pratt	403,448
Case Western Reserve Univ	TIP-BASED NANOFABRICATION	Tayo Akinwande	702,415
Claremont Graduate University	STORyNET	William Casebeer	297,730
Clemson University	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	159,999

University	Program	Name	Amount
Clemson University	Young Faculty Award (YFA)	William Casebeer	148,560
Colorado State University	Mind's Eye	James Donlon	287,048
Columbia University	Anomaly Detection at Multiple Scales (ADAMS)	Rand Waltzman	256,746
Columbia University	CIPHER(CENTERS IN INTEGRATED PHOTONIC ENGINEERING RESEARCH)	Scott Rodgers	902,667
Columbia University	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	1,453,703
Columbia University	Information in a Photon (InPho)	Mark Neifeld	377,464
Columbia University	Resilient Clouds	Howard Shrobe	828,065
Columbia University	Young Faculty Award (YFA)	Tayo Akinwande	150,000
Joan & Sanford I. Weill Med College of Cornell Univ	ENABLING STRESS RESISTANCE (ESR)	Christian Macedonia	271,305
Cornell University	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	268,108
Cornell University	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	1,046,349
Cornell University	Computer Science Study Group (CSSG)	James Donlon	100,000
Cornell University	Maximum Mobility and Manipulation (M3)	Gill Pratt	163,333
Cornell University	POEM(PHOTONICALLY OPTIM EMBEDDED MICROPROCESSORS)	Jagdeep Shah	250,000
Cornell University	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	307,013
Cornell University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	417,719
Cornell University	Resilient Clouds	Howard Shrobe	592,254
Cornell University	TIP-BASED NANOFABRICATION	Tayo Akinwande	484,457
Cornell University	Young Faculty Award (YFA)	William Casebeer	150,000
Cornell University	microPNT	Andrei Shkel	827,140
Case Western Reserve University & University Hospitals	IRIS (MTO)	Carl McCants	984,467
Case Western Reserve University & University Hospitals	NANO ELECTRO MECHANICAL COMPUTERS(NEMS)	Tayo Akinwande	375,000
Case Western Reserve University & University Hospitals	Rapid Altitude and Hypoxia Acclimatization (RAHA)	Michael Callahan	3,997,140
Dartmouth College	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	249,967
Dartmouth College	I2O Mgmt Initiatives CCS-02	Wendy Smith	175,000
Dartmouth College	Resilient Clouds	Howard Shrobe	243,725
Drexel University	Computer Science Study Group (CSSG)	James Donlon	199,522
Drexel University	Microscale Plasma Devices	Daniel Purdy	300,000
Duke University	AWARE	Nibir Dhar	3,048,004
Duke University	Biochronicity	Christian Macedonia	197,249
Duke University	CERA (Carbon Electronics for RF Applications)	John Albrecht	100,000
Duke University	Computer Science Study Group (CSSG)	James Donlon	159,122
Duke University	Information in a Photon (InPho)	Mark Neifeld	1,430,944
Duke University	Knowledge Enhanced Compressive Measurement (KECoM)	Mark Neifeld	1,431,700
Duke University	Mathematics of Sensing, Exploitation and Execution (MSEE)	Anthony Falcone	300,000
Duke University	Nimbus	Matthew Goodman	650,000
Duke University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	150,000
Duke University	Young Faculty Award (YFA)	William Casebeer	150,000
Emory University Office of Grants and Contracts	Computer Science Study Group (CSSG)	James Donlon	99,728
Emory University Office of Grants and Contracts	STORyNET	William Casebeer	291,124
Georgia Institute of Technology (Sponsored Programs)	Advanced Structural Fiber	Brian Holloway	3,734,066
Georgia Institute of Technology (Sponsored Programs)	COMPACT MID-ULTRAVIOLET TECHNOLOGY	John Albrecht	1,357,182
Georgia Institute of Technology (Sponsored Programs)	Computer Science Study Group (CSSG)	James Donlon	200,747
Georgia Institute of Technology (Sponsored Programs)	Cyber Insider Threat	Peiter Zatko	115,966
Georgia Institute of Technology (Sponsored Programs)	IRIS (MTO)	Carl McCants	260,327
Georgia Institute of Technology (Sponsored Programs)	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	500,000
Georgia Institute of Technology (Sponsored Programs)	THERMAL MANAGEMENT TECHNOLOGIES	Avram Bar-Cohen	1,877,722
Georgia Institute of Technology (Sponsored Programs)	Young Faculty Award (YFA)	Tayo Akinwande	448,111
Georgia Institute of Technology (Sponsored Programs)	Zeno-Based Opto-Electronics (ZOE)	Matthew Goodman	2,387,208

Institution	Program	Name	Amount
Georgia Institute of Technology (Sponsored Programs)	microPNT	Andrei Shkel	609,962
Georgia Tech Applied Research Corporation	FANG	Paul Eremenko	1,447,455
Georgia Tech Applied Research Corporation	Multipath Exploitation Radar	Joseph Durek	799,659
Georgia Technical Research Corp. (Sponsored Programs)	Computer Science Study Group (CSSG)	James Donlon	159,095
Georgia Technical Research Corp. (Sponsored Programs)	Computer Science Study Group (CSSG)	Richard Dean	201,397
Georgia Tech Research Institute	SAFER	Wendy Smith	614,000
Georgia Tech Research Institute	I2O Mgmt Initiatives CCS-02	Wendy Smith	20,000
Georgia Tech Research Institute	I2O Mgmt Initiatives IT-03	Nibir Dhar	180,000
George Mason University	AWARE	James Donlon	99,285
George Mason University	Computer Science Study Group (CSSG)	Jack Judy	604,712
George Mason University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	William Coblenz	679,352
Georgia Tech Research Corporation (Sponsored Programs)	Disruptive Manufacturing Technologies	Scott Rodgers	1,452,664
Georgia Tech Research Corporation (Sponsored Programs)	CIPHER(CENTERS IN INTEGRATED PHOTONIC ENGINEERING RESEARCH)	Paul Eremenko	991,658
Georgia Tech Research Corporation(GTRC)	FANG	Gill Pratt	149,653
Georgia Tech Research Corporation(GTRC)	Maximum Mobility and Manipulation (M3)	Jack Judy	775,000
Georgia Tech Research Corporation(GTRC)	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	2,467,648
Georgia Tech Research Corporation(GTRC)	UHPC	Charlie Holland	958,104
Georgia Tech Research Corporation(GTRC)	iFAB	Paul Eremenko	98,174
Georgia Tech Research Corporation(GTRC)	Computer Science Study Group (CSSG)	James Donlon	231,365
Georgia Tech Research Corporation (Sponsored Programs)	23 Mathematical Challenges	Anthony Falcone	524,997
Harvard University	ADEPT	Daniel Wattendorf	266,919
Harvard University	Bioinspired Photonics	Jamil Abo-Shaeer	1,352,917
Harvard University	Chronicle of Lineage Indicative of Origins (CLIO)	Michael Callahan	1,045,153
Harvard University	Dialysis Like Therapeutics	Timothy Broderick	270,473
Harvard University	Focus Areas in Theoretical Mathematics (FAThM)	Anthony Falcone	468,750
Harvard University	Maximum Mobility and Manipulation (M3)	Gill Pratt	392,183
Harvard University	NMEMS S&T FUNDAMENTALS	Tayo Akinwande	2,971,834
Harvard University	Prophecy (Pathogen Defeat)	Michael Callahan	1,399,995
Harvard University	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	3,321,339
Harvard University	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	122,472
Harvard Medical School	NeoVision 2	Gill Pratt	150,000
Harvard Medical School	Young Faculty Award (YFA)	Tayo Akinwande	790,186
Harvard School of Public Health	7-Day Biodefense	Michael Callahan	129,323
Illinois Institute of Technology	ELASTx	Sanjay Raman	74,999
Illinois Institute of Technology	HEALICS	Anthony Falcone	355,881
Institute for Advanced Study	Focus Areas in Theoretical Mathematics (FAThM)		
Johns Hopkins Applied Physics Lab	Revolutionizing Prosthetics	Geoffrey Ling	9,240,000
Johns Hopkins University	Chronicle of Lineage Indicative of Origins (CLIO)	Michael Callahan	100,000
Johns Hopkins University	Materials with Controlled Microstructural Architecture(MCMA)	Judah Goldwasser	649,999
Johns Hopkins University	Prevent	Geoffrey Ling	213,095
Johns Hopkins University	Resilient Clouds	Howard Shrobe	481,881
Johns Hopkins University	Soldier Protection Systems	Judah Goldwasser	750,943
Johns Hopkins University	Young Faculty Award (YFA)	Tayo Akinwande	144,993
Johns Hopkins University	Young Faculty Award (YFA)	William Casebeer	149,271
Johns Hopkins University	ACTUV	Scott Littlefield	1,304,134
Johns Hopkins Univ - Applied Physics Laboratory	Adaptable Navigation Systems	Stefanie Tompkins	146,303
Johns Hopkins Univ - Applied Physics Laboratory	Anomaly Detection at Multiple Scales (ADAMS)	Rand Waltzman	550,470
Johns Hopkins Univ - Applied Physics Laboratory	Distributed Agile Submarine Hunting (DASH)	Andrew Coon	1,263,440
Johns Hopkins Univ - Applied Physics Laboratory	HALOE	Richard Heinrichs	227,460
Johns Hopkins Univ - Applied Physics Laboratory	I2O Mgmt Initiatives CCC-01	Wendy Smith	795,785

University	Program	Name	Amount
Johns Hopkins Univ - Applied Physics Laboratory	Knowledge Enhanced Compressive Measurement (KECoM)	Mark Neifeld	1,027,609
Johns Hopkins Univ - Applied Physics Laboratory	LRASM	Arthur Mabbett	1,884,638
Johns Hopkins Univ - Applied Physics Laboratory	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	118,874
Johns Hopkins Univ - Applied Physics Laboratory	Non-Traditional Active Sonar	Andrew Coon	808,488
Johns Hopkins Univ - Applied Physics Laboratory	Optical RF Communications Adjunct (ORCA)	Richard Ridgway	9,335,859
Johns Hopkins Univ - Applied Physics Laboratory	Scalable Network Monitoring	Tim Fraser	1,219,412
Johns Hopkins Univ - Applied Physics Laboratory	System F6	Paul Eremenko	458,630
Johns Hopkins Univ - Applied Physics Laboratory	Thermal Spectral Fingerprinting (ThermaPrint)	Fred Schnarre	719,126
Johns Hopkins Univ - Applied Physics Laboratory	Zeno-Based Opto-Electronics (ZOE)	Matthew Goodman	805,150
Johns Hopkins Univ - Applied Physics Laboratory	Young Faculty Award (YFA)	William Casebeer	150,000
Kent State University	Wound Stasis System	Brian Holloway	870,380
The University of Texas M D Anderson Cancer Center	Comprehensive Interior Reconnaissance (CIR) Program	Joseph Durek	99,786
Michigan Technological University	LACOSTE	Tim Clark	75,000
Michigan Technological University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	401,844
Michigan State University	ADEPT	Anthony Falcone	486,202
Massachusetts Institute of Technology	AXIS(Advanced X-Ray Integrated Sources)	Daniel Wattendorf	301,913
Massachusetts Institute of Technology	23 Mathematical Challenges	Tayo Akinwande	735,000
Massachusetts Institute of Technology	Battlefield Medicine	Geoffrey Ling	2,720,308
Massachusetts Institute of Technology	Broad Operational Language Translation (BOLT)	Bonnie Dorr	108,879
Massachusetts Institute of Technology	CHIP SCALE VACUUM MICRO PUMPS	Tayo Akinwande	1,839,733
Massachusetts Institute of Technology	Dialysis Like Therapeutics	Timothy Broderick	400,790
Massachusetts Institute of Technology	Diverse & Accessible Heterogeneous Integration	Sanjay Raman	1,000,000
Massachusetts Institute of Technology	ELASTx	Sanjay Raman	831,953
Massachusetts Institute of Technology	ENABLING STRESS RESISTANCE (ESR)	Christian Macedonia	3,246,003
Massachusetts Institute of Technology	MEMS EXCHANGE	Tayo Akinwande	652
Massachusetts Institute of Technology	META	Paul Eremenko	444,444
Massachusetts Institute of Technology	Mathematics of Sensing, Exploitation and Execution (MSEE)	Anthony Falcone	550,878
Massachusetts Institute of Technology	Maximum Mobility and Manipulation (M3)	Gill Pratt	2,119,820
Massachusetts Institute of Technology	Mind's Eye	James Donlon	235,840
Massachusetts Institute of Technology	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	119,925
Massachusetts Institute of Technology	Optical Lattice Emulator	Jamil Abo-Shaeer	2,130,833
Massachusetts Institute of Technology	POEM(PHOTONICALLY OPTIM EMBEDDED MICROPROCESSORS)	Jagdeep Shah	2,224,515
Massachusetts Institute of Technology	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	1,046,938
Massachusetts Institute of Technology	Quantum Effects in Biological Environments (QuBE)	Matthew Goodman	1,452,087
Massachusetts Institute of Technology	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	441,125
Massachusetts Institute of Technology	STORyNET	William Casebeer	199,691
Massachusetts Institute of Technology	Young Faculty Award (YFA)	William Casebeer	600,000
Massachusetts Institute of Technology	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	1,022,945
MIT Artificial Intelligence Lab	I2O Mgmt Initiatives CCS-02	Wendy Smith	250,000
MIT Artificial Intelligence Lab	Resilient Clouds	Howard Shrobe	529,702
MIT Artificial Intelligence Lab	SAFER	Richard Dean	284,056
MIT Artificial Intelligence Lab	UHPC	Charlie Holland	1,281,250
MIT Artificial Intelligence Lab	Information in a Photon (InPho)	Mark Neifeld	224,763
Montana State University	Young Faculty Award (YFA)	Tayo Akinwande	150,000
North Carolina State University	Vulture	Barry Ives	365,063
North Carolina State University	Nimbus	Matthew Goodman	534,363
New Mexico State University	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	996,574
New Mexico Institute of Mining and Technology	Young Faculty Award (YFA)	Tayo Akinwande	99,386
Northeastern U	ADEPT	Daniel Wattendorf	56,667
Northeastern U			
Northwestern University			

University	Program	Name	Amount
Northwestern University	Computer Science Study Group (CSSG)	James Donlon	83,960
Northwestern University	Dialysis Like Therapeutics	Timothy Broderick	356,411
Northwestern University	ENABLING STRESS RESISTANCE (ESR)	Christian Macedonia	3,484,365
Northwestern University	Quantum Effects in Biological Environments (QuBE)	Matthew Goodman	331,877
Northwestern University	Studies	Matthew Goodman	610,000
Northwestern University	TIP-BASED NANOFABRICATION	Thomas Lee	1,181,925
Northwestern University	Young Faculty Award (YFA)	Tayo Akinwande	150,000
Northwestern University	Zeno-Based Opto-Electronics (ZOE)	Matthew Goodman	601,925
Northwestern University	23 Mathematical Challenges	Anthony Falcone	586,401
New York University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	629,064
Ohio State University	7-Day Biodefense	Michael Callahan	169,722
Ohio State University	Adaptable Navigation Systems	Stefanie Tompkins	550,000
Ohio State University	Knowledge Enhanced Compressive Measurement (KECoM)	Mark Neifeld	727,935
Oregon State University	Maximum Mobility and Manipulation (M3)	Gill Pratt	1,011,786
Oregon State University	NON VOLATILE LOGIC	Devanand K. Shenoy	209,978
Pennsylvania State University	Adaptable Navigation Systems	Stefanie Tompkins	80,000
Pennsylvania State University	DEEP LEARNING	Anthony Falcone	272,979
Pennsylvania State University	Maritime Armor	Christopher L. Warren	131,519
Pennsylvania State University	Non-Traditional Active Sonar	Andrew Coon	350,000
Pennsylvania State University	Optical Lattice Emulator	Jamil Abo-Shaeer	225,000
Pennsylvania State University	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	910,251
Pennsylvania State University	TANGO BRAVO	John C. Kamp	137,295
Pennsylvania State University	Underwater Express	John C. Kamp	858,581
Pennsylvania State University	Young Faculty Award (YFA)	Tayo Akinwande	150,000
Pennsylvania State University	Young Faculty Award (YFA)	William Casebeer	416,077
Pennsylvania State University	DSO Studies	Tanya M. Tanner	173,106
Pennsylvania State Univ/Applied Research Lab	Hybrid Multi-Material Rotor (HMMR)	Christopher L. Warren	360,000
Pennsylvania State Univ/Applied Research Lab	STO Studies - CCC-02	Patrick W. Bailey	463,100
Pennsylvania State Univ/Applied Research Lab	iFAB	Paul Eremenko	748,495
Pennsylvania State Univ/Applied Research Lab	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	189,840
Pennsylvania State Univ/Applied Research Lab	Advanced Structural Fiber	Brian Holloway	240,000
Princeton University	Computer Science Study Group (CSSG)	James Donlon	100,000
Princeton University	Heterostructural Uncooled Magnetic Sensors (HUMS)	William Coblenz	1,745,635
Princeton University	MESO(MesoDynamical Architectures)	Jeffrey Rogers	4,194,273
Princeton University	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	2,321,367
Princeton University	Young Faculty Award (YFA)	Tayo Akinwande	150,000
Princeton University	Young Faculty Award (YFA)	William Casebeer	150,000
Princeton University	ART (Adaptive RF Tech)	William Chappell	199,312
Purdue University	Computer Science Study Group (CSSG)	James Donlon	100,000
Purdue University	MESO(MesoDynamical Architectures)	Jeffrey Rogers	2,492,613
Purdue University	Mind's Eye	James Donlon	1,159,053
Purdue University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	1,486,639
Purdue University	Rapid SW-Dev using Binary Components (RAPID).	Dan Roelker	330,000
Purdue University	TIP-BASED NANOFABRICATION	Tayo Akinwande	667,705
Purdue University	Maximum Mobility and Manipulation (M3)	Gill Pratt	349,712
Purdue University	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	150,000
Rensselaer Polytechnic Institute	Optical Lattice Emulator	Jamil Abo-Shaeer	2,362,334
Rensselaer Polytechnic Institute	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jamil Abo-Shaeer	2,834,500
Rice University	Studies	Thomas Lee	201,751
ROCHESTER INSTITUTE OF TECHNOLOGY	Young Faculty Award (YFA)	William Casebeer	144,590
University of South Carolina Research Foundation			

University	Program	Name	Amount
S. Dakota School of Mines & Technology	Young Faculty Award (YFA)	Tayo Akinwande	133,827
Stevens Institutes of Technology	Mathematics of Sensing, Exploitation and Execution (MSEE)	Anthony Falcone	300,000
Smith College	Focus Areas in Theoretical Mathematics (FAThM)	Anthony Falcone	293,431
Southern Methodist University	CIPHER(CENTERS IN INTEGRATED PHOTONIC ENGINEERING RESEARCH)	Scott Rodgers	1,118,329
Stanford University	23 Mathematical Challenges	Anthony Falcone	374,282
Stanford University	ADEPT	Daniel Wattendorf	1,174,466
Stanford University	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	436,455
Stanford University	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	604,086
Stanford University	Computer Science Study Group (CSSG)	James Donlon	100,000
Stanford University	DEEP LEARNING	Anthony Falcone	1,715,405
Stanford University	ITMANET	Aaron Lazarus	934,072
Stanford University	MESO(MesoDynamical Architectures)	Jeffrey Rogers	5,458,347
Stanford University	MTO Studies (ES-01)	Thomas Lee	550,000
Stanford University	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	1,102,147
Stanford University	NANO ELECTRO MECHANICAL COMPUTERS(NEMS)	Tayo Akinwande	1,500,000
Stanford University	NeoVision 2	Anthony Falcone	270,000
Stanford University	Nimbus	Gill Pratt	716,978
Stanford University	QUEST - Quantum Entanglement Science and Technology	Matthew Goodman	1,590,000
Stanford University	REORGANIZATION AND PLASTICITY TO ACCELERATE INJURY RECOVERY	Jagdeep Shah	7,166,890
Stanford University	SAFER	Geoffrey Ling	340,106
Stanford University	Tactical Advanced Power (TAP)	Richard Dean	150,000
Stanford University	UHPC	Brian Holloway	1,174,634
Stanford University	Young Faculty Award (YFA)	Charlie Holland	148,542
Stanford University	Young Faculty Award (YFA)	Tayo Akinwande	145,914
Stanford University	Young Faculty Award (YFA)	William Casebeer	149,911
State University of New York at Stonybrook	Underwater Express	John C. Kamp	16,308
Stevens Institute	Mind's Eye	James Donlon	678,641
Research Foundation of State University of New York	Computer Science Study Group (CSSG)	James Donlon	182,433
State University of New York at Buffalo	REORGANIZATION AND PLASTICITY TO ACCELERATE INJURY RECOVERY	Geoffrey Ling	2,949,187
SUNY-Downstate Medical Center	Structural Logic	Aaron Lazarus	370,894
Texas Engineering Experiment Station	Young Faculty Award (YFA)	Tayo Akinwande	150,000
Texas Engineering Experiment Station	Young Faculty Award (YFA)	William Casebeer	137,042
Texas Engineering Experiment Station	Dialysis Like Therapeutics	Timothy Broderick	297,782
Temple University	Microscale Plasma Devices	Daniel Purdy	259,962
Texas A&M University (See Cage Code 0EBC6)	CERA (Carbon Electronics for RF Applications)	John Albrecht	243,478
Texas Tech University	COMPACT MID-ULTRAVIOLET TECHNOLOGY	John Albrecht	252,189
Texas Tech University	Maximum Mobility and Manipulation (M3)	Gill Pratt	415,229
Tufts University	Microscale Plasma Devices	Daniel Purdy	317,406
Tufts University	Studies	Thomas Lee	250,000
Tufts University	Young Faculty Award (YFA)	Tayo Akinwande	99,602
Tulane University	Broad Operational Language Translation (BOLT)	Bonnie Dorr	130,966
University of Arizona	Computer Science, Science, Tech, Eng & Math (CS/STEM)	Russ Shilling	438,222
University of Arizona	DSO Studies	Tanya M. Tanner	330,557
University of Arizona	Knowledge Enhanced Compressive Measurement (KECoM)	Mark Neifeld	200,000
University of Arizona	Mind's Eye	James Donlon	947,832
University of Arizona	IRIS (MTO)	Carl McCants	147,371
University of Arkansas	Mind's Eye	James Donlon	1,113,092
The Regents of the University of CA at Berkeley	ORCHID(OPT RAD COOLING & HEATING IN INTEG DEVICES)	Jamil Abo-Shaeer	586,894
The Regents of the University of CA at Berkeley	CIPHER(CENTERS IN INTEGRATED PHOTONIC ENGINEERING RESEARCH)	Scott Rodgers	2,959,514
University of California Santa Barbara			

University	Program	Name	Amount
University of California, Los Angeles	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	522,174
University of California, Los Angeles	Detection & Comp Analysis of Psych Signals (DCAPS)	Russ Shilling	300,000
University of California, Los Angeles	ENGAGE	Russ Shilling	725,087
University of California, Los Angeles	HEALICS	Sanjay Raman	1,835,835
University of California, Los Angeles	Mathematics of Sensing, Exploitation and Execution (MSEE)	Anthony Falcone	600,000
University of California, Los Angeles	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	702,787
University of California, Los Angeles	Microscale Plasma Devices	Daniel Purdy	326,348
University of California, Los Angeles	Microscale Power Conversion	John Albrecht	500,000
University of California, Los Angeles	NON VOLATILE LOGIC	Devanand K. Shenoy	2,572,969
University of California, Los Angeles	Physical Intelligence	Todd Hylton	2,886,406
University of California, Los Angeles	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	180,000
University of California, Los Angeles	SAFER	Richard Dean	588,770
University of California, Los Angeles	SEMICONDUCTOR FOCUS CENTERS	Jeffrey Rogers	5,404,000
University of California, Los Angeles	Studies	Thomas Lee	154,943
University of California, Los Angeles	THERMAL MANAGEMENT TECHNOLOGIES	Avram Bar-Cohen	702,399
University of California, Los Angeles	Tactical Advanced Power (TAP)	Brian Holloway	100,000
University of California, Los Angeles	Young Faculty Award (YFA)	Tayo Akinwande	299,987
University of California, Los Angeles	Young Faculty Award (YFA)	William Casebeer	150,000
University of California, Los Angeles	Computer Science Study Group (CSSG)	James Donlon	100,000
University of Colorado at Boulder	Control of Material Properties through Advanced Structures	Jamil Abo-Shaeer	309,639
University of Colorado at Boulder	ENABLING STRESS RESISTANCE (ESR)	Christian Macedonia	1,200,970
University of Colorado at Boulder	Microscale Power Conversion	John Albrecht	1,445,909
University of Colorado at Boulder	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	142,034
University of Colorado at Boulder	Tactical Advanced Power (TAP)	Brian Holloway	150,000
University of Colorado at Boulder	Young Faculty Award (YFA)	Tayo Akinwande	297,924
University of Colorado	AWARE	Nibir Dhar	400,000
University of Colorado	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	666,994
University of Colorado	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	54,924
University of Colorado	THERMAL MANAGEMENT TECHNOLOGIES	Avram Bar-Cohen	733,710
University of Colorado	Tactical Advanced Power (TAP)	Brian Holloway	250,000
University of Colorado	Young Faculty Award (YFA)	William Casebeer	149,239
University of California San Francisco	Prophecy (Pathogen Defeat)	Michael Callahan	2,971,833
University of California, Santa Barbara	CERA (Carbon Electronics for RF Applications)	John Albrecht	139,014
University of California, Santa Barbara	Maximum Mobility and Manipulation (M3)	Gill Pratt	136,872
University of California, Santa Barbara	Maximum Mobility and Manipulation (M3)	Gill Pratt	149,998
University of California, Santa Cruz	Nanostructured Materials for Power	Brian Holloway	675,000
University of California, Santa Cruz	Young Faculty Award (YFA)	Brian Holloway	148,659
University of California, San Diego	Cognitive Technology Threat Warning Systems (CT2WS)	William Casebeer	500,000
University of California, San Diego	Diverse & Accessible Heterogeneous Integration	Gill Pratt	500,000
University of California, San Diego	ELASTx	Sanjay Raman	1,500,000
University of California, San Diego	Materials with Controlled Microstructural Architecture(MCMA)	Judah Goldwasser	2,008,550
University of California, San Diego	N/MEMS S&T FUNDAMENTALS	Sanjay Raman	384,721
University of California, San Diego	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	402,334
University of California, San Diego	Nanoscale Architecture for Coherent Hyper-Optic Sources	Scott Rodgers	800,000
University of California, San Diego	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	315,951
University of California, San Diego	RF PHOTONICS	Scott Rodgers	950,001
University of California, San Diego	STO Studies - IT-03	Patrick W. Bailey	246,191
University of California, San Diego	Soldier-Centric Imaging via Computational Cameras (SCENICC)	Mark Neifeld	1,225,000
University of California, San Diego	Soldier-Centric Imaging via Computational Cameras (SCENICC)	Mark Neifeld	3,775,000
University of California, San Diego	Tactical Advanced Power (TAP)	Brian Holloway	1,660,791

University	Program	Name	Amount
University of California Santa Barbara	COMPACT MID-ULTRAVIOLET TECHNOLOGY	John Albrecht	839,123
University of California Santa Barbara	POEM(PHOTONICALLY OPTIM EMBEDDED MICROPROCESSORS)	Jagdeep Shah	395,000
University of California Santa Barbara	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	2,550,843
University of California Santa Barbara	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	514,810
University of California Santa Barbara	RF PHOTONICS	Scott Rodgers	3,147,465
University of California Santa Barbara		Patrick W. Bailey	97,727
University of California Santa Barbara	STO Studies - IT-03	Scott Rodgers	1,112,325
University of California Santa Barbara	SWEEPER(Short Range Wide Field of View Elec Steered Photonic	Avram Bar-Cohen	490,415
University of California Santa Barbara	THERMAL MANAGEMENT TECHNOLOGIES	Tayo Akinwande	150,000
University of California Santa Barbara	Young Faculty Award (YFA)	Daniel Wattendorf	400,000
University of California, Berkeley	ADEPT	Bonnie Dorr	225,320
University of California, Berkeley	Broad Operational Language Translation (BOLT)	Howard Shrobe	435,136
University of California, Berkeley	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Tanya M. Tanner	32,000
University of California, Berkeley	DSO Studies	Sanjay Raman	1,812,191
University of California, Berkeley	Diverse & Accessible Heterogeneous Integration	Anthony Falcone	409,549
University of California, Berkeley	Focus Areas in Theoretical Mathematics (FAThM)	Anthony Falcone	300,000
University of California, Berkeley	Mathematics of Sensing, Exploitation and Execution (MSEE)	Gill Pratt	375,200
University of California, Berkeley	Maximum Mobility and Manipulation (M3)	Andrei Shkel	259,317
University of California, Berkeley	Micro-Technology for Positioning, Navigation and Timing	Tayo Akinwande	384,944
University of California, Berkeley	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	2,550,000
University of California, Berkeley	NANO ELECTRO MECHANICAL COMPUTERS(NEMS)	Avram Bar-Cohen	89,247
University of California, Berkeley	NEAR JUNCTION TRANSPORT	Scott Rodgers	1,250,000
University of California, Berkeley	Nanoscale Architecture for Coherent Hyper-Optic Sources	Jagdeep Shah	1,234,947
University of California, Berkeley	QUEST - Quantum Entanglement Science and Technology	Matthew Goodman	189,216
University of California, Berkeley	Quantum Effects in Biological Environments (QuBE)	Jamil Abo-Shaeer	100,000
University of California, Berkeley	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	294,427
University of California, Berkeley	RF PHOTONICS	Scott Rodgers	340,000
University of California, Berkeley	Rapid SW Dev using Binary Components (RAPID).	Dan Roelker	842,789
University of California, Berkeley	SWEEPER(Short Range Wide Field of View Elec Steered Photonic	Scott Rodgers	1,286,634
University of California, Berkeley	TIP-BASED NANOFABRICATION	Tayo Akinwande	1,000,000
University of California, Berkeley	microPNT	Andrei Shkel	290,000
University of California, Davis	Information in a Photon (InPho)	Mark Neifeld	284,809
University of California, Davis	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	490,000
University of California, Davis	Transformative Apps	Mari Maeda	150,000
University of California, Davis	Young Faculty Award (YFA)	Tayo Akinwande	449,347
University of Central Florida	Computer Science Study Group (CSSG)	James Donlon	89,000
University of Central Florida	NANO COMPOSITE OPTICAL CERAMICS (NCOC)	William Coblenz	56,608
University of Central Florida	Optical RF Communications Adjunct (ORCA)	Richard Ridgway	288,834
University of Central Florida	Studies	Thomas Lee	228,362
University of Chicago	Control of Material Properties through Advanced Structures	Jamil Abo-Shaeer	1,390,454
University of Chicago	Quantum Effects in Biological Environments (QuBE)	Matthew Goodman	150,000
University of Chicago	Young Faculty Award (YFA)	Tayo Akinwande	150,000
University of Chicago	Young Faculty Award (YFA)	William Casebeer	150,000
University of Colorado, Health Sciences Center	Rapid Altitude and Hypoxia Acclimatization (RAHA)	Michael Callahan	6,988,579
University of California, Irvine	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	174,441
University of California, Irvine	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	835,039
University of California, Irvine	N/MEMS S&T FUNDAMENTALS	Tayo Akinwande	694,874
University of California, Irvine	SAFER	Richard Dean	124,872
University of California, Irvine	Transformative Apps	Mari Maeda	150,000
University of California, Irvine	Young Faculty Award (YFA)	William Casebeer	299,986

University	Program	PI	Amount
University of Delaware	Computer Science Study Group (CSSG)	James Donlon	199,766
University of Delaware	Control of Material Properties through Advanced Structures	Jamil Abo-Shaeer	175,860
University of Delaware	Young Faculty Award (YFA)	Tayo Akinwande	149,631
University of Dayton Research Institute	iFAB	Paul Eremenko	499,710
University of Florida	Advanced Structural Fiber	Brian Holloway	152,000
University of Florida	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	166,500
University of Florida	Nimbus	Matthew Goodman	2,801,262
University of Florida	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	390,316
University of Florida	Young Faculty Award (YFA)	William Casebeer	150,000
University of Houston	Quantum Effects in Biological Environments (QuBE)	Matthew Goodman	269,161
University of Houston	Young Faculty Award (YFA)	William Casebeer	114,852
University of Illinois	Analog-to-Information (A-to-I)	Daniel Purdy	51,600
University of Illinois	Computer Science Study Group (CSSG)	James Donlon	200,000
University of Illinois	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	149,900
University of Illinois at Urbana-Champaign	Control of Material Properties through Advanced Structures	Jamil Abo-Shaeer	500,000
University of Illinois at Urbana-Champaign	Optical Lattice Emulator	Jamil Abo-Shaeer	130,000
University of Illinois at Urbana-Champaign	Resilient Clouds	Howard Shrobe	300,000
University of Illinois at Urbana-Champaign	Studies	Thomas Lee	300,000
University of Illinois at Urbana-Champaign	Sensor Topology for Minimal Planning (SToMP)	Anthony Falcone	724,889
University of Illinois at Urbana-Champaign	Structural Logic	Aaron Lazarus	820,237
University of Illinois at Urbana-Champaign	TIP-BASED NANOFABRICATION	Tayo Akinwande	934,963
University of Illinois at Urbana-Champaign	Young Faculty Award (YFA)	Tayo Akinwande	150,000
University of Illinois at Urbana-Champaign	Anomaly Detection at Multiple Scales (ADAMS)	Rand Waltzman	623,999
University of Maryland	Computer Science Study Group (CSSG)	James Donlon	295,559
University of Maryland	Heterostructural Uncooled Magnetic Sensors (HUMS)	William Coblenz	665,895
University of Maryland	MTO Studies (ES-01)	Thomas Lee	299,206
University of Maryland	Optical Lattice Emulator	Jamil Abo-Shaeer	2,981,116
University of Maryland	QUEST - Quantum Entanglement Science and Technology	Jagdeep Shah	1,109,446
University of Maryland	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	84,200
University of Maryland	Young Faculty Award (YFA)	Tayo Akinwande	149,929
University of Maryland	Zeno-Based Opto-Electronics (ZOE)	Tayo Akinwande	1,262,566
University of Maryland	Computer Science Study Group (CSSG)	Matthew Goodman	200,000
University of Massachusetts	GUARD DOG	James Donlon	607,135
University of Massachusetts	Prophecy (Pathogen Defeat)	Randy Garrett	2,971,833
University of Massachusetts	Young Faculty Award (YFA)	Michael Callahan	149,144
University of Maryland Baltimore County	Zeno-Based Opto-Electronics (ZOE)	Tayo Akinwande	125,472
University of Miami School of Medicine	Plasma Sterilization of Wounds and Medical Devices	Matthew Goodman	399,999
University of Michigan	(STT-RAM)Spin Torque Transfer-Random Access Memory	Alan Magill	5,418
University of Michigan	ART (Adaptive RF Tech)	Devanand K. Shenoy	75,213
University of Michigan	AXIS(Advanced X-Ray Integrated Sources)	William Chappell	287,806
University of Michigan	CHIP SCALE VACUUM MICRO PUMPS	Tayo Akinwande	1,472,948
University of Michigan	Micro-Technology for Positioning, Navigation and Timing	Tayo Akinwande	602,677
University of Michigan	NON VOLATILE LOGIC	Andrei Shkel	145,739
University of Michigan	ORCHID(OPT RAD COOLING & HEATING IN INTEG DEVICES)	Devanand K. Shenoy	583,445
University of Michigan	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jamil Abo-Shaeer	1,347,687
University of Michigan	Transformative Apps	Jack Judy	500,000
University of Michigan	Young Faculty Award (YFA)	Mari Maeda	148,320
University of Michigan	Young Faculty Award (YFA)	Tayo Akinwande	300,000
University of Michigan	microPNT	William Casebeer	2,502,600
University of Michigan		Andrei Shkel	

University	Program	PI/Name	Amount
University of Minnesota	ART (Adaptive RF Tech)	William Chappell	1,344,267
University of Minnesota	AWARE	Nibir Dhar	250,000
University of Minnesota	CERA (Carbon Electronics for RF Applications)	John Albrecht	365,745
University of Missouri	NON VOLATILE LOGIC	Devanand K. Shenoy	158,000
University of North Carolina Chapel Hill	Young Faculty Award (YFA)	Tayo Akinwande	150,000
University of North Carolina Chapel Hill	Integrated High Energy Density Capacitors (IHEDC)	Jamil Abo-Shaeer	445,030
University of North Carolina, Charlotte Sponsored Programs	ADEPT	Daniel Wattendorf	500,000
University of New Hampshire	Computer Science Study Group (CSSG)	James Donlon	99,009
University of Dayton	Low Cost Thermal Imager (LCTI-M)	Nibir Dhar	143,096
University of Dayton	Computer Science Study Group (CSSG)	James Donlon	156,414
University of Dayton	AACE	Charlie Holland	50,000
University of Dayton	HEALICS	Sanjay Raman	226,139
University of Dayton	UHPC	Charlie Holland	25,526
University of Iowa	Wide Area Surveillance - OCO	Brian Leininger	80,000
University of Notre Dame	Young Faculty Award (YFA)	Tayo Akinwande	150,000
University of Oklahoma	NON VOLATILE LOGIC	Devanand K. Shenoy	2,123,367
University of Oklahoma	Nimbus	Matthew Goodman	419,888
University of Vermont	Quantum-Assisted Sensing and Readout (QuASAR)	Jamil Abo-Shaeer	192,927
University of New Mexico	Mathematics of Sensing, Exploitation and Execution (MSEE)	Anthony Falcone	45,000
University of Illinois at Chicago	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	700,625
University of Illinois at Urbana	ULTRA BEAM	Joseph A. Mangano	691,304
University of Kentucky	Tactical Advanced Power (TAP)	Brian Holloway	307,574
University of Tennessee, Knoxville	Computer Science Study Group (CSSG)	James Donlon	95,517
University of Oregon	EXCALIBUR	Joseph A. Mangano	81,799
University of Pennsylvania	ORCHID/OPT RAD COOLING & HEATING IN INTEG DEVICES)	Jamil Abo-Shaeer	195,286
University of Pittsburgh	Broad Operational Language Translation (BOLT)	Bonnie Dorr	658,778
University of Pennsylvania	Computer Science Study Group (CSSG)	James Donlon	207,110
University of Pennsylvania	FANG	Paul Eremenko	767,645
University of Pennsylvania	Global Autonomous Language Exploitation (GALE)	Bonnie Dorr	3,417,981
University of Pennsylvania	MADCAT	Bonnie Dorr	1,175,000
University of Pennsylvania	RATS	Bonnie Dorr	825,852
University of Pennsylvania	SAFER	Richard Dean	566,748
University of Rochester	TEMP	Bonnie Dorr	587,716
University of Rochester	Prevent	Mitchell Burnside Clapp	300,643
University of Rochester	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Geoffrey Ling	1,728,062
University of Pittsburgh	WARRIOR WEB	Jack Judy	128,349
University of Pittsburgh	Young Faculty Award (YFA)	Joseph Hitt	149,679
University of Pittsburgh	Broad Operational Language Translation (BOLT)	William Casebeer	59,869
University of Pittsburgh	Information in a Photon (InPho)	Bonnie Dorr	283,500
University of Pennsylvania	Manufacturable Gradient Index Optics	Mark Neifeld	590,241
University of Pennsylvania	QUEST - Quantum Entanglement Science and Technology	Stefanie Tompkins	340,000
University of Pennsylvania	Autonomous Robotic Manipulation (ARM)	Jagdeep Shah	816,334
University of Rochester	Computer Science Study Group (CSSG)	Gill Pratt	100,000
University of Southern California Dept of Contracts & Grants	ELASTx	James Donlon	37,239
University of Southern California Dept of Contracts & Grants	Mind's Eye	Sanjay Raman	997,800
University of Southern California Dept of Contracts & Grants	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	James Donlon	814,634
University of Southern California Dept of Contracts & Grants	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	2,652,564
University of Southern California Dept of Contracts & Grants	Restorative Encoding Memory Integration Neural Device(REMIND	Geoffrey Ling	1,339,583
University of Southern California California Dept of Contracts & Grants	SAFER	Richard Dean	2,301,048
Univ of Southern California's Inst for Creative Technologies	Detection & Comp Analysis of Psych Signals (DCAPS)	Russ Shilling	

University	Program	Name	Amount
USC Information Sciences Institute	Computer Science Study Group (CSSG)	James Donlon	188,432
USC Information Sciences Institute	IRIS (MTO)	Carl McCants	1,200,000
USC Information Sciences Institute	OH BY THE WAY (OBTW)	Dennis McBride	340,367
University of Texas-El Paso	Young Faculty Award (YFA)	Tayo Akinwande	149,999
University of Texas at Austin	ART (Adaptive RF Tech)	William Chappell	915,595
University of Texas at Austin	Antibody Technology Program (ATP)	Mildred Donlon	1,765,708
University of Texas at Austin	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	371,025
University of Texas at Austin	Computer Science Study Group (CSSG)	James Donlon	299,282
University of Texas at Austin	ITMANET	Aaron Lazarus	1,039,340
University of Texas at Austin	SAFER	Richard Dean	148,915
University of Texas at Austin	Young Faculty Award (YFA)	William Casebeer	299,859
University of Texas at Arlington	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	1,037,317
University of Texas at Arlington	Studies	Thomas Lee	378,161
University of Utah	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	297,977
University of Utah	Microscale Plasma Devices	Daniel Purdy	232,632
University of Utah	RE-NET(RELIABLE NEURAL-INTERFACE TECHNOLOGY	Jack Judy	544,995
University of Utah	Young Faculty Award (YFA)	Tayo Akinwande	149,989
University of Virginia	CERA (Carbon Electronics for RF Applications)	John Albrecht	150,000
University of Virginia	Young Faculty Award (YFA)	Judah Goldwasser	1,177,596
University of Virginia	Materials with Controlled Microstructural Architecture(MCMA)	Devanand K. Shenoy	465,160
University of Virginia	NON VOLATILE LOGIC	Richard Dean	355,834
University of Virginia	SAFER	Judah Goldwasser	592,435
University of Virginia	Soldier Protection Systems	Brian Holloway	153,578
University of Virginia	Tactical Advanced Power (TAP)	Daniel Wattendorf	1,407,103
University of Washington	ADEPT	James Donlon	99,862
University of Washington	Computer Science Study Group (CSSG)	Russ Shilling	279,765
University of Washington Office of Sponsored Programs	ENGAGE	Matthew Goodman	104,781
University of Washington Office of Sponsored Programs	Nimbus	Jagdeep Shah	193,082
University of Washington Office of Sponsored Programs	QUEST - Quantum Entanglement Science and Technology	Richard Dean	453,614
University of Washington Office of Sponsored Programs	SAFER	Tayo Akinwande	300,000
University of Washington Office of Sponsored Programs	Young Faculty Award (YFA)	Howard Shrobe	323,784
University of Washington Office of Sponsored Programs	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Jagdeep Shah	1,465,079
University of Washington Office of Sponsored Programs	QUEST - Quantum Entanglement Science and Technology	Tayo Akinwande	150,000
University of Washington Office of Sponsored Programs	Young Faculty Award (YFA)	Tayo Akinwande	150,000
University of Wisconsin	AXIS(Advanced X-Ray Integrated Sources)	Tayo Akinwande	79,593
University of Wisconsin	Young Faculty Award (YFA)	Paul Eremenko	1,367,364
University of Wisconsin	FANG	Paul Eremenko	4,957,492
University of South Carolina	META	Gill Pratt	117,811
Vanderbilt University	NeoVision 2	Mari Maeda	972,795
Vanderbilt University	Transformative Apps	Tayo Akinwande	149,984
Vanderbilt University	Young Faculty Award (YFA)	William Coblenz	494,049
Vanderbilt University	Heterostructural Uncooled Magnetic Sensors (HUMS)	Matthew Goodman	176,291
Virginia Tech	Quantum Effects in Biological Environments (QuBE)	William Casebeer	490,650
Virginia Tech	STORyNET	Judah Goldwasser	1,100,498
Virginia Tech	Reactive Material Structures (DSO)	Judah Goldwasser	709,088
Virginia Tech	Soldier Protection Systems	Tayo Akinwande	257,008
Washington State University	Young Faculty Award (YFA)	William Casebeer	146,912
Washington State University	Young Faculty Award (YFA)	Geoffrey Ling	1,807,007
Washington State University	Restorative Encoding Memory Integration Neural Device(REMIND	Brian Holloway	90,000
Wake Forest University School of Medicine	Tactical Advanced Power (TAP)		
College of William and Mary			

Institution	Project	PI	Amount
Worcester Polytechnic Institute	CERA (Carbon Electronics for RF Applications)	John Albrecht	60,128
Yale University	CRASH Clean-slate Resilient, Adaptive, Secure Hosts	Howard Shrobe	539,835
Yale University	Control of Material Properties through Advanced Structures	Jamil Abo-Shaeer	449,885
Yale University	Dialysis Like Therapeutics	Timothy Broderick	302,000
Yale University	MESO(MesoDynamical Architectures)	Jeffrey Rogers	1,592,211
Yale University	Materials with Controlled Microstructural Architecture(MCMA)	Judah Goldwasser	357,133
Yale University	Micro-Technology for Positioning, Navigation and Timing	Andrei Shkel	353,467
Yale University	ORCHID(OPT RAD COOLING & HEATING IN INTEG DEVICES)	Jamil Abo-Shaeer	895,393
Yale University	Prevent	Geoffrey Ling	2,469,730
Yale University	SAFER	Richard Dean	656,715
Yale University	Young Faculty Award (YFA)	Tayo Akinwande	150,000