

I CONTRIBUTI DEL PENTAGONO ALLA RICERCA SCIENTIFICA DI UNIVERSITA' ED ENTI PUBBLICI E PRIVATI IN ITALIA (2010-2018)

di Antonio Mazzeo

Beneficiario	Programma	Oggetto finanziamento	Valore	Erogato	Agenzia	Data inizio	Data fine
Fondazione degli Studi Universitari di Vicenza – Associazione Scientifica ECCM15	Air Force Defense Research Sciences Program	15th European Conference on Composite Materials (eccm15)	\$20,000	\$20,000	Department of Defense	11-4-2012	23-6-2013
Politecnico di Bari	Basic Scientific Research	Linear and Nonlinear Graphene-based Photonic and Microwave Platforms for Broadband Absorption And Enhanced Harmonic Generation	\$103,000	\$103,000	Department of Defense	26-9-2016	20-12-2017
Politecnico di Bari – (Ricercatore Marco Grande)	Basic Scientific Research	Novel Plasmonic and Photonic Platforms for Strong Light-matter Interactions in Linear and Nonlinear Regimes	\$100,000	\$100,000	Department of The Army	10-7-2012	8-7-2013
Politecnico di Bari – (Ricercatore Marco Grande)	Basic Scientific Research	Novel Linear and Nonlinear Graphene-based Plasmonic and Photonic Platforms For Broadband Enhanced Harmonic Generation, Raman Scattering, and Absorpti	\$95,000	\$95,000	Department of Defense	9-9-2013	8-9-2015
Politecnico di Bari – (Ricercatore Marco Grande)	Basic Scientific Research	Experimental Demonstration of 2 nd and 3 rd Harmonic Generation at Visible and Uv Wavelengths Under Phase	\$15,000	\$15,000	Department of The Army	28-9-2010	30-6-2011
Politecnico di Milano	Air Force Defense Research Sciences Program	Development of a Comprehensive Propagation Model for Satcom Systems At High Frequency in The Framework of The Alphasat Experiment	\$410,000	\$477,436	Department of Defense	30-9-2013	29-9-2017
Politecnico di Milano	Air Force Defense Research Sciences Program	Real-time Wing-vortex and Pressure Distribution Estimation on Wings Via Displacement And Strains in Unsteady and Transitional Fli	\$337,495	\$115,794	Department of Defense	15-8-2012	14-2-2016
Politecnico di Milano	Basic and Applied Scientific Research	Habitat Modeling And Preferences Of Marine Mammals As Function Of Oceanographic Characteristics: Development Of Predictive Tools For Assessing The Ri	\$160,000	\$56,450	Department of The Navy	12-10-2011	3-10-2012

Politecnico di Milano	Air Force Defense Research Sciences Program	Initial Orbit Determination Based on Propagation of Admissible Regions With Differential Algebra	\$149,999	\$149,999	Department of Defense	15-6-2015	1 4-6-2018
Politecnico di Milano	Basic Scientific Research	Ultra-violet Single-photon Avalanche Diode	\$46,426	\$46,426	Department of Defense	1-8-2016	31-1-2017
Politecnico di Milano	Air Force Defense Research Sciences Program	Chirped Chalcogenide Based Integrated Reconfigurable Photonics for Energy-saving Devices.”	\$42,933	\$42,933	Department of The Air Force	15-3-2012	14-3-2013
Politecnico di Milano	Air Force Defense Research Sciences Program	Performance Evaluation of Satellite Communication Systems Operating in The Q/v/w Bands	\$36,500	\$36,500	Department of The Air Force	1-7-2012	30-6-2013
Politecnico di Torino	Basic Scientific Research	Investigation on The Photovoltaic Performance Under Solar Concentration of Charged Quantum Dot Solar Cells Through Self-consistent Modeling of Transp	\$59,353	\$59,353	Department of Defense	31-8-2015	30-8-2016
Università Cattolica del Sacro Cuore – Milano	Basic and Applied Scientific Research	Nicop – Modulation Of Brain Functions	\$432,000	\$289,000	Department of Defense	10-4-2015	9-4-2018
Università degli Studi del Piemonte Orientale – Dipartimento degli Studi Umanistici di Vercelli	Unknown	Seminar on “The West and The Rest. The Atlantic Community In The Global Arena 1949-1963” which is Taking Place In Vercelli	\$5,000	\$5,000	Department of State	27-5-2010	28-5-2010
Università degli Studi del Sannio - Benevento	Measurement and Engineering Research and Standards	A Phase Measurement System for Calibrating Electroshock-weapon (pme)	\$128,229	\$122,229	National Institute of Standards and Technology Department of Commerce	1-7-2015	30-6-2018
Università degli Studi dell’Aquila	Air Force Defense Research Sciences Program	Consistent Evolution of Software Artifacts and Non-functional Models	\$189,000	\$189,000	Department of the Air Force	1-10-2011	30-9-2014
Università degli Studi dell’Aquila	Basic Scientific Research	Analysis of On-chip Phase-sensitive Amplifiers	\$75,000	\$75,000	Department of Defense	29-5-2014	30-11-2015
Università degli Studi dell’Insubria – Varese	Air Force Defense Research Sciences Program	Dynamic Information Management and Exchange for Command and Control Applications	\$153,500	\$153,500	Department of The Air Force	24-8-2010	12-3-2014
Università degli Studi della Calabria	Air Force Defense Research Sciences	Smart Mirrors Using Dynamic Holographic Photopolymerization	\$60,000	\$20,000	Department	1-2-2014	31-1-2016

	Program				of Defense		
Università degli Studi della Calabria	Air Force Defense Research Sciences Program	Photo- And Electro – Switchable 1/2d Diffractive Structures Exploiting Soft-matter	\$56,000	\$56,000	Department of The Air Force	14-11-2011	13-11-2012
Università degli Studi della Calabria	Air Force Defense Research Sciences Program	Network Security Games Involving Search, Rendezvous or Patrolling	\$40,000	\$40,000	Department of Defense	1-2-2014	31-1-2015
Università degli Studi della Calabria – Dipartimento di Fisica	Air Force Defense Research Sciences Program	10 th Mediterranean Workshop and Topical Meeting	\$13,000	\$13,000	Department of The Air Force	7-4-2011	5-6-2012
Università degli Studi di Bari	Basic Scientific Research	Effects of Quality Composts and Other Organic Amendments and Their Humic and Fulvic Acid Fractions on The Germination and Early Growth of Slick Spot	\$200,000	\$100,000	Department of The Army	31-3-2008	30-3-2012
Università degli Studi di Bergamo	Basic and Applied Scientific Research	Corrosion-fatigue Mechanisms in Aqueous Environments	\$70,000	\$70,000	Department of The Navy	8-3-2010	29-7-2011
Università degli Studi di Bologna	Air Force Defense Research Sciences Program	Investigation on The Physics and Microfluidics of The Decomposition of Hydrogen Peroxide in Mems Microthrusters	\$50,000	\$50,000	Department of Defense	1-12-2015	30-11-2016
Università degli Studi di Bologna	Air Force Defense Research Sciences Program	Nanoparticles in Liquid Crystals and Their Effects	\$50,000	\$25,000	Department of Defense	1-9-2015	31-8-2017
Università degli Studi di Bologna	Basic Scientific Research	Response of Self-assembled Nanostructures	\$49,049	\$25,000	Department of Defense	12-5-2016	10-5-2017
Università degli Studi di Bologna	Air Force Defense Research Sciences Program	Models and Algorithms for Large-size Knapsack Problems - Dated 29 Apr 2016	\$46,750	\$24,750	Department of Defense	1-12-2016	30-11-2019
Università degli Studi di Bologna	Air Force Defense Research Sciences Program	Path Weights in Undirected Markov Random Fields	\$40,000	\$20,000	Department of Defense	15-11-2016	14-11-2019
	Basic and Applied	Dynamic Interaction Effects of Multiple				18-1-2012	28-2-2013

Università degli Studi di Bologna	Scientific Research	Delaminations on The Survivability of Composite Structure	\$254,000	\$37,000	Department of The Navy		
Università degli Studi di Bologna – Dipartimento di Chimica. Fisica ed Inorganica	Air Force Defense Research Sciences Program	Modeling Ferroelectric Nanoparticles in Nematic Liquid Crystals (fernano)	\$80,000	\$80,000	Department of The Air Force	1-9-2011	31-8-2014
Università degli Studi di Bologna – Dipartimento di Ingegneria dell'Energia Elettrica	Basic Scientific Research	Twinning Research Visit To Erdc 19-23 March 2012	\$4,821	\$4,821	Department of The Army	16-3-2012	15-9-2012
Università degli Studi di Bologna – Dipartimento di Ingegneria dell'Energia Elettrica	Basic and Applied Scientific Research	Numerical and Experimental Hull Slamming Investigation	\$28,000	\$28,000	Department of The Navy	12-1-2012	31-12-2012
Università degli Studi di Brescia	Air Force Defense Research Sciences Program	Microscale Heat Transfer Enhancement Using Spinodal Decomposition of Binary Liquid Mixtures: a Collaborative Modeling/experimental	\$116,000	\$116,000	Department of The Air Force	1-9-2011	31-8-2013
Università degli Studi di Brescia	Air Defense Research Sciences Program	Basic Research for Aoard 104146 "Heat Transfer Enhancement in Small-scale Devices: A Collaborative Experimental/numerical Approach, Dated 24 Jun 10"	\$50,000	\$50,000	Department of The Air Force	16-9-2010	15-10-2011
Università degli Studi di Brescia	Air Force Defense Research Sciences Program	Optical Arbitrary Waveform Generators Based on Temporal and Spectral Shaping of Optical Pulses in Nonlinear Metamaterials	\$22,500	\$22,500	Department of The Air Force	1-7-2010	30-6-2011
Università degli Studi di Brescia	Basic Scientific Research	Engineering Second Order Nonlinear Effects in Optical Antennas –extension of Device Modeling With Time Domain Simulations Of Maxwell Equation.	\$20,000	\$20,000	Department Of Defense	7-7-2015	4-1-2016
Università degli Studi di Brescia – Dipartimento di Ingegneria	Basic Scientific Research	Engineering Second Order Nonlinear Effects in Optical Antennas	\$40,000	\$20,000	Department of Defense	16-9-2013	15-9-2015
Università degli Studi di Brescia – Dipartimento di Ingegneria	Basic Scientific Research	Engineering Optical Non-linearities of Metals Using Surface Plasmon Polaritons in Onedimensional and Two-dimensional Periodic Structures	\$27,000	\$2,000	Department of The Army	19-9-2011	18-9-2013
Università degli Studi di	Basic Scientific	Second Harmonic Plasmon Enhanced			Department	20-9-2012	20-6-2013

Brescia – Dipartimento di Ingegneria	Research	Sensing	\$25,000	\$25,000	of Defense		
Università degli Studi di Camerino	Basic and Applied Scientific Research	New Horizons in Non-equilibrium Quantum Thermodynamics	\$15,000	\$15,000	Department of Defense	25-5-2015	30-5-2015
Università degli Studi di Camerino – Scuola di Scienze e Tecnologie	Basic and Applied Scientific Research	Csp –workshop: Quantum Interfaces With Nano-optomechanical Devices	\$12,000	\$12,000	Department of Defense	12-7-2016	31-8-2016
Università degli Studi di Catania – Dipartimento di Ingegneria Elettronica e Informatica	Basic and Applied Scientific Research	Nicop – Advanced Nonlinear Energy Harvesters in The Mesoscale: Exploiting a Snap-through Buckling Configuration, for The Autonomous Powering of Elect	\$240,000	\$80,000	Department of Defense	12-7-2016	10-5-2018
Università degli Studi di Catania – Dipartimento di Ingegneria Elettronica e Informatica	Basic and Applied Scientific Research	Development of Novel Micro and Nanosystems for Energy Harvesting in Autonomous Electronic Devices	\$120,000		Department of The Navy	6-7-2011	30-9-2015
Università degli Studi di Catania – Dipartimento di Matematica e Informatica / Associazione “Angelo Marcello Anile”	Basic and Applied Scientific Research	Ecmi 2014 – The 18 th European Conference on Mathematics for Industry	\$12,500	\$12,500	Department of Defense	9-6-2014	13-6-2015
Università degli Studi di Firenze	Military Medical Research and Development	Schwannomatosis-associated Schwannomas: Molecular Profiling of Laser Microdissected Tumor Cells With Distinctive Ini1 Protein Expression	\$109,992	\$109,992	Department of Defense	1-7-2015	30-6-2017
Università degli Studi di Firenze	Air Force Defense Research Sciences Program	“The Impact of Emotional Intelligence on The Human Factor: A Cross-cultural Study Usa-Italy”	\$65,000	\$65,000	Department of Defense	1-12-2015	30-11-2016
Università degli Studi di Firenze	Basic and Applied Scientific Research	Auv Acoustic Localization and Communication	\$44,000	\$44,000	Department of Defense	28-4-2014	30-10-2015
Università degli Studi di Firenze	Air Force Defense Research Sciences Program	“2 nd Florentine Symposium On Emotional Intelligence”	\$26,354	\$26,354	Department of Defense	9-6-2016	8-6-2017
Università degli Studi di Firenze – Dipartimento di Scienze delle Produzioni Agroalimentari	Basic Scientific Research	Support for The 11 th Intl Conf on Biogeochemistry of Trace Elements (icobte 2011) 3-7 Jul	\$15,000	\$15,000	Department of The Army	27-8-2010	1-2-2011

Università degli Studi di Genova	Air Force Defense Research Sciences Program	"New Approach To The Optimal Control Of Level Sets..."	\$240,068	\$159,712	Department of Defense	30-9-2015	29-9-2018
Università degli Studi di Genova	Basic and Applied Scientific Research	Super-cavitating Surface Piercing Hydrofoils	\$140,000	\$140,000	Department of The Navy	1-9-2011	31-8-2012
Università degli Studi di Genova	Basic and Applied Scientific Research	Survivability of Marine Composites and Structures Under Impact and Blast in Extreme Environments	\$74,320	\$25,000	Department Of Defense	31-10-2014	29-2-2016
Università degli Studi di Milano	Basic and Applied Scientific Research	Electrochemistry in Stress Corrosion Cracking Of Structural Aluminum Alloys (2014)	\$90,000	\$90,000	Department of Defense	30-6-2014	2-7-2015
Università degli Studi di Milano	Basic and Applied Scientific Research	Electrochemistry In Stress Corrosion Cracking Of Structural Aluminum Alloys (2015)	\$84,050	\$84,050	Department Of Defense	2-6-2014	2-6-2015
Università degli Studi di Milano	Basic Scientific Research	Study of Alternative Cost-effective Enzymes Mimicking Hrp Activity	\$50,000	\$50,000	Department of The Army	27-5-2010	26-5-2011
Università degli Studi di Napoli – Federico II	Basic and Applied Scientific Research	Survivability of Marine Composites and Structures Under Impact and Blast in Extreme Environments	\$203,940	\$125,163	Department of Defense	19-7-2016	29-9-2019
Università degli Studi di Napoli – Federico II	Basic and Applied Scientific Research	Csp – International Symposium on Dynamic Response and Failure of Composite Materials, Draf2016	\$15,000	\$15,000	Department of Defense	10-9-2016	24-2-2017
Università degli Studi di Napoli – Federico II	Basic and Applied Scientific Research	International Symposium on Dynamic Response and Failure of Composite Materials	\$12,000	\$12,000	Department of Defense	14-9-2014	17-9-2015
Università degli Studi di Padova	Basic and Applied Scientific Research	Failure Mechanisms of Gallium Nitride High Electron Mobility Transistors: A Physics-based, Non-conventional Approach	\$450,000	\$297,000	Department of The Navy	6-10-2011	28-2-2013
Università degli Studi di Padova	Basic and Applied Scientific Research	Gan Hemt Reliability Physics: From Failure Mechanisms To Testing Methods, Test Structures and Acceleration Laws	\$450,000	\$450,000	Department of Defense	18-6-2014	30-6-2017
Università degli Studi di	Basic and Applied Scientific	Modeling The Underwater Acoustic Channel for	\$300,149		Department of The Navy	9-3-2011	31-3-2012

Padova	Research	Simulation and Networking Studies		\$150,000			
Università degli Studi di Padova	Basic and Applied Scientific Research	A Mobility Driven Architecture for Multi-modal Underwater Networking	\$150,000	\$150,000	Department of Defense	1-5-2014	30-10-2016
Università degli Studi di Padova	Air Force Defense Research Sciences Program	“Quantum Information an A Chip Workshop In Padua, Italy on October 12-14, 2015”	\$10,000	\$10,000	Department of Defense	30-9-2015	29-1-2016
Università degli Studi di Padova	Basic Scientific Research	Interplay Between Relaxations and Structure in Anion-exchange Membranes (aes) by Broadband Electrical Spectroscopy (bes), Thermomechanical and Vibrat	\$60,000	\$60,000	Department of Defense	19-8-2013	18-8-2014
Università degli Studi di Padova	Basic and Applied Scientific Research	Essderc/esscirc 2014	\$7,400	\$7,400	Department of Defense	22-9-2014	26-9-2015
Università degli Studi di Palermo	Air Force Defense Research Sciences Program	“Afosr Workshop on Trust And Influence In Human – Machine Teaming”	\$4,547	\$4,547	Department of Defense	12-7-2016	11-7-2017
Università degli Studi di Parma	Basic and Applied Scientific Research	Low Cost 3d Vision (2012)	\$145,000	\$145,000	Department of The Navy	15-3-2012	14-3-2013
Università degli Studi di Parma	Basic and Applied Scientific Research	Low Cost 3d Vision (2014)	\$110,500	\$110,500	Department of Defense	15-3-2012	13-4-2015
Università degli Studi di Parma	Basic and Applied Scientific Research	Low Cost 3d Vision (2013)	\$108,000	\$108,000	Department of Defense	15-3-2012	13-4-2015
Università degli Studi di Pavia	Basic Scientific Research	Cimtec2016	\$15,000	\$15,000	Department of Defense	26-5-2016	25-12-2016
Università degli Studi di Pavia	Air Force Defense Research Sciences Program	“Ewshm2010 – 5 th European Workshop On Structural Health Monitoring”	\$10,000	\$10,000	Department of The Air Force	29-6-2010	29-6-2011
Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Novel Techniques for The Realization of Energy Harvesting Systems Capable of Substituting/integrating Existing Batteries for The Powering of Autonomo	\$120,000	\$118,893	Department of The Navy	3-6-2011	30-9-2015

Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Nips Summer School 2011: Energy Harvesting At Micro And Nanoscale + Energy Management at Micro and Nanoscale	\$15,000	\$15,000	Department of The Navy	29-7-2011	1-8-2012
Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Nips Summer School 2012	\$15,000	\$15,000	Department of The Navy	18-4-2012	23-7-2013
Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Ict-energy: Energy Consumption in Future Ict Devices	\$15,000	\$15,000	Department of Defense	7-7-2015	12-7-2015
Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Nanoenergy 2013	\$10,000	\$10,000	Department of Defense	8-7-2013	13-7-2013
Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Ict-energy: Energy Management at Micro and Nanoscales for Future Ict	\$10,000	\$10,000	Department of Defense	14-7-2014	18-7-2015
Università degli Studi di Perugia – Dipartimento di Fisica	Basic and Applied Scientific Research	Nips Summer School 2010	\$7,500	\$7,500	Department of The Navy	1-8-2010	8-8-2010
Università degli Studi di Pisa – Dipartimento di Ingegneria dell'Informazione	Air Force Defense Research Sciences Program	Waveform Diversity and Frequency Sharing Techniques for Cognitive Radar Systems	\$120,000	\$120,000	Department of Defense	1-4-2013	5-11-2015
Università degli Studi di Pisa – Dipartimento di Ingegneria dell'Informazione	Air Force Defense Research Sciences Program	Linear and Non-linear Time-frequency Analysis for Parameter Estimation of Space Objects	\$80,000	\$40,000	Department of Defense	15-6-2014	14-6-2016
Università degli Studi di Pisa – Dipartimento di Ingegneria dell'Informazione	Basic and Applied Scientific Research	Icassp-Florence-2014	\$15,000	\$15,000	Department of Defense	4-5-2014	9-5-2015
Università degli Studi di Pisa – Dipartimento di Ingegneria dell'Informazione	Basic and Applied Scientific Research	Cosera 2015	\$15,000	\$15,000	Department of Defense	1-2-2015	30-9-2015
Università degli Studi di Pisa – Dipartimento di Ingegneria dell'Informazione (prof.ssa Maria Sabina Greco)	Air Force Defense Research Sciences Program	Waveform Diversity and Design for Interoperating Radar Systems	\$85,000	\$85,000	Department of The Air Force	1-10-2010	30-9-2012
Università degli Studi di Pisa – Dipartimento di Ingegneria dell'Informazione	Basic and Applied Scientific Research	Support for Student Participation in	\$7,000	\$7,000	Department of The Navy	21-1-2010	18-6-2010

(prof.ssa Maria Sabina Greco)		Cip2010					
Università degli Studi di Roma – La Sapienza	Air Force Defense Research Sciences Program	“Bridging High Strength and Dissipation in Carbon Nanotube Composites” Dated 31 Jan 2014	\$207,088	\$108,929	Department of Defense	1-8-2014	31-8-2017
Università degli Studi di Roma – La Sapienza	Air Force Defense Research Sciences Program	Efficient Numerical Methods for Optimal Control Problems and Games Via Dynamic Programming Equations	\$176,500	\$176,500	Department of Defense	30-9-2013	31-3-2017
Università degli Studi di Roma – La Sapienza	Basic and Applied Scientific Research	Rheological, Mechanical, and Microstructural Characterization of Epoxy-based Composites Filled With Carbon Nanostructures	\$34,630	\$34,630	Department of Defense	15-3-2016	14-3-2017
Università degli Studi di Roma – La Sapienza	Air Force Defense Research Sciences Program	Lih as Fuel for High Speed Propulsion	\$34,000	\$34,000	Department of The Air Force	15-8-2010	14-8-2011
Università degli Studi di Roma – La Sapienza – Dipartimento di Informatica (prof.ssa Novella Bartolini)	Basic Scientific Research	Modeling and Robust Design of Dynamic Interdependent Networks	\$50,000	\$50,000	Department of Defense	15-9-2014	14-9-2015
Università degli Studi di Roma – La Sapienza – Dipartimento di Ingegneria dell’Informazione	Air Force Defense Research Sciences Program	High-frequency Modeling and Prediction of Tropospheric Radiopropagation Parameters from Ground-based Multi-channel Radiometric...	\$294,276	\$294,276	Department of Defense	1-4-2012	30-11-2015
Università degli Studi di Roma – La Sapienza – Facoltà di Ingegneria Civile e Industriale	Air Force Defense Research Sciences Program	Magneto-hydro Dynamics Liquid Wheel Actuator for Spacecraft Attitude Control	\$97,900	\$32,600	Department of Defense	30-9-2015	29-9-2016
Università degli Studi di Roma – La Sapienza – Facoltà di Ingegneria Civile e Industriale	Basic and Applied Scientific Research	Advanced Underwater Acoustic Networking & Cooperation	\$75,000	\$75,000	Department of Defense	1-9-2014	30-10-2016
Università degli Studi di Roma – La Sapienza – Facoltà di Ingegneria Civile e Industriale	Basic and Applied Scientific Research	Workshop on Underwater Wireless Networks	\$5,800	\$5,800	Department of Defense	1-9-2014	14-11-2015
Università degli Studi di Roma 3	Unknown	Grantee Will Organize a Conference on “The Euromissiles Crisis and The End Of The Cold War 1977-1987” in Rome on December 10-12	\$4,000	\$4,000	Department of State	10-12-2009	12-12-2009
Università degli Studi di	Basic Scientific	Self-filtering Horn Antenna for Compact Dual-linear and			Department	29-8-2014	28-2-2016

Roma 3 – Dipartimento di Ingegneria	Research	Circular Polarized Receiving	\$50,000	\$50,000	of Defense		
Università degli Studi di Roma 3 – Dipartimento di Ingegneria	Basic and Applied Scientific Research	Csp – Metamaterials 2016 – Tenth International Congress on Advanced Electromagnetic Materials in Microwaves and Optics	\$12,000	\$12,000	Department of Defense	19-9-2016	18-12-2016
Università degli Studi di Roma 3 – Dipartimento di Ingegneria	Basic Scientific Research	Metamaterials 2014 Eighth International Congress on Advanced Electromagnetic Materials in Microwaves and Optics	\$5,000	\$5,000	Department of Defense	14-7-2014	6-1-2015
Università degli Studi di Roma 3 – Dipartimento di Ingegneria	Basic Scientific Research	XXVII Euprometa School 27 th Edition of the Distributed Doctoral School on Metamaterials	\$5,000	\$5,000	Department of Defense	20-5-2015	30-9-2015
Università degli Studi di Roma “Tor Vergata” – Centro Jean Monnet	Unknown	Contribute Towards the Conference Organized by The Grantee on “Frontiers of Europe” in Rome on July 5-7	\$10,000	\$10,000	Department of State	5-7-2010	7-7-2010
Università degli Studi di Siena	Air Force Defense Research Sciences Program	“Amulet – A Multi-clue Approach To Image Forensics”	\$166,000	\$166,000	Department of Defense	1-10-2012	31-12-2014
Università degli Studi di Siena	Basic Scientific Research	Homogenization of Multilayer Metamaterials: Generalizations and Applications	\$50,000	\$50,000	Department of The Army	15-9-2011	14-9-2012
Università degli Studi di Siena	Basic Scientific Research	Transformation Optics Design of Meta-surface Antennas and Beam Forming Devices	\$50,000	\$50,000	Department of Defense	16-9-2013	15-9-2014
Università degli Studi di Siena	Basic Scientific Research	Improving The Performances of Modulated Metasurface Antennas	\$50,000	\$50,000	Department of Defense	24-9-2015	23-9-2016
Università degli Studi di Torino	Basic and Applied Scientific Research	Development of Hyperfast Algorithms for The Euler and Navier-stokes Equations	\$100,000	\$100,000	Department of The Navy	15-10-2009	31-12-2010
Università degli Studi di Trento	Defense Health Program	Military Medical Research and Development	\$404,800	404.800	Department of Defense	20-11-2011	14-5-2015
Università degli Studi di Trento	Military Medical Research and Development	Functional Validation of Prostate Cancer Driving Mutations	\$371,000	\$371,000	Department of The Army	20-11-2011	14-6-2014
		Toward Understanding The				1-11-2011	31-7-2012

Università degli Studi di Trento	Military Medical Research and Development	Genetic Predisposition for Signaling Pathway Activation in Aggressive Prostate Cancer	\$199,280	\$199,280	Department of The Army		
Università degli Studi di Trento	Basic and Applied Scientific Research	Real Time Event-driven Data and Media Integration	\$70,000	\$70,000	Department of The Navy	6-1-2012	31-12-2012
Università degli Studi di Trento	Basic and Applied Scientific Research	XIII International Workshop on Complex Systems	\$6,000	\$6,000	Department of The Navy	18-3-2012	18-3-2013
Università degli Studi di Trento	Basic and Applied Scientific Research	XIV International Workshop on Complex Systems	\$5,000	\$5,000	Department of Defense	22-3-2015	25-3-2015
Università degli Studi di Trento	Air Force Defense Research Sciences Program	European Conference on Machine Learning and Principles and Practice of Knowledge Discovery	\$5,000	\$5,000	Department of Defense	29-7-2016	28-7-2017
Università degli Studi di Trieste – Dipartimento di Fisica	Basic and Applied Scientific Research	Theoretical and Computational Research in The Field of Piezoelectric and Related Materials	\$125,000	\$105,000	Department of Defense	11-12-2013	31-12-2016
Università degli Studi di Trieste – Dipartimento di Fisica	Basic and Applied Scientific Research	Theoretical and Computational Research in The Field of Piezoelectric and Related Materials.	\$70,000	\$70,000	Department of The Navy	14-11-2011	31-12-2012
Università degli Studi di Trieste – Dipartimento di Fisica	Basic and Applied Scientific Research	Theory of The Macroscopic Polarization, Electric And Magnetic	\$15,000	\$15,000	Department of The Navy	12-1-2010	30-0-2010
Università degli Studi di Trieste – Dipartimento di Scienze Politiche	Unknown	To Partially Cover In-country Travel Costs Related to the Organization of a Country-wide Workshop Titled “Analizzare L’America”	\$1,345	\$1,345	Department of State	25-3-2010	26-3-2010
Università degli Studi di Udine – Dipartimento di Scienze Agrarie e Ambientali	Basic Scientific Research	Visit To Natick Soldier Center, Natick, Ma, 3 Feb – 10 May 2014, for Joint Research	\$4,850	\$4,850	Department of Defense	30-1-2014	28-5-2014
Università degli Studi di Udine – Dipartimento delle Aree Mediche	Basic and Applied Scientific Research	Design and Architecture of an Adaptive Information Fusion/information Integration (if/ii) Process for Proactive Decision Support	\$121,000	\$121,000	Department of Defense	23-2-2014	30-7-2015
Università Politecnica	Basic and Applied	Natural-scale Analysis of Estuarine Cohesive			Department	30-1-2013	30-10-2015

delle Marche	Scientific Research	Sediments (2013)	\$75,000	\$75,000	of Defense		
Università Politecnica delle Marche	Basic and Applied Scientific Research	Natural-scale Analysis of Estuarine Cohesive Sediments (2014)	75,000	\$75,000	Department of Defense	1-1-2013	30-10-2015
Università Politecnica delle Marche	Basic and Applied Scientific Research	Expansion To Natural-scale Analysis of Estuarine Cohesive Sediments	\$40,000	\$40,000	Department of Defense	19-3-2015	31-12-2015
Università Politecnica delle Marche	Basic and Applied Scientific Research	Vsp – Visiting Scientist Program for Participating to Argus Workshop and for Meeting at Us Naval Research Laboratory	\$10,000	\$10,000	Department of Defense	5-8-2016	2-10-2016
Università Politecnica delle Marche – Dipartimento di Scienza e Ingegneria della Materia / Società Italiana Cristalli Liquidi	Air Force Defense Research Sciences Program	International School of Liquid Crystals 18 th Course 2 nd School of The Italian Liquid Crystal Society	\$7,000	\$7,000	Department of The Air Force	3-7-2011	3-7-2012
Centro Internazionale di Fisica Teorica (ICTP) “Abdus Salam” – Trieste	Basic and Applied Scientific Research	Mixing in Rapidly Changing Environments	\$10,000	\$10,000	Department of Defense	4-8-2014	9-8-2015
Centro Internazionale di Fisica Teorica (ICTP) “Abdus Salam” – Trieste	Air Force Defense Research Sciences Program	Workshop on Gns Data Application To Low Latitude Ionospheric Research	\$6,000	\$6,000	Department of Defense	8-2-2013	5-5-2014
Consiglio Nazionale delle Ricerche – Istituto dei Materiali per l’Elettronica ed il Magnetismo (CNR-IMEM) – Parma	Basic Scientific Research	2d Materials for The Future: Fundamental Properties Control at Atomic Scale	\$100,001	\$92,381	Department of Defense	19-9-2014	19-9-2017
Consiglio Nazionale delle Ricerche – Istituto di Fotonica e Nanotecnologie (CNR-IFN) di Padova	Basic and Applied Scientific Research	Xth International Workshop on Adaptive Optics for Industry and Medicine	\$10,000	\$10,000	Department of Defense	15-6-2015	19-6-2015
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-INM) – Roma	Basic and Applied Scientific Research	Nicop – Experimental Study Of Hydrodynamics And	\$192,000	\$128,000	Department of Defense	6-4-2015	31-3-2018
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-INM) – Roma	Basic and Applied Scientific Research	Complementary Efd and Cfd Analysis of Calm Water Hydrodynamics and Large Amplitude Motion for High-speed Catamarans	\$175,000	\$61,500	Department of Defense	21-1-2010	31-5-2011
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-	Basic and Applied	Simulation of 3d Deflagration and Detonation in Dispersed Flammable	\$175,000	\$60,000	Department	28-1-2010	30-9-2010

INM) – Roma	Scientific Research	Liquid in A Continued Colume: Initiation, Quenching, and Transition Modes			of Defense		
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-INM) – Roma	Basic and Applied Scientific Research	Nicop – Stochastic Sbd For Reduction of Added-powering/motions/slamming for Surface Ships in Real Seas	\$140,000	\$55,000	Department of Defense	8-4-2016	30-4-2017
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-INM) – Roma	Basic and Applied Scientific Research	Analysis of Global and Local Slamming Induced Responses	\$100,000	\$100,000	Department of Defense	15-4-2014	14-5-2017
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-INM) – Roma	Basic and Applied Scientific Research	Static Drift and Stochastic Wave Resistance Experiments	\$67,500	\$67,500	Department of Defense	1-5-2012	30-5-2015
Consiglio Nazionale delle Ricerche – Istituto di Ingegneria del Mare (CNR-INM) – Roma	Basic and Applied Scientific Research	Stochastic Optimization for High-speed Waterjet Ships	\$45,000	\$45,000	Department of Defense	1-9-2011	30-9-2014
Consiglio nazionale delle Ricerche – Istituto delle Metodologie Inorganiche e dei Plasmi (CNR-IMIP) di Bari	Basic Scientific Research	7 th Euro-mediterranean Symposium on Laser Induced Breakdown Spectroscopy (emslibs)	\$10,000	\$10,000	Department of Defense	4-9-2013	3-3-2014
Consiglio Nazionale delle Ricerche – Istituto di Scienza e Tecnologia dei Materiali Ceramici (CNR-ISTEC) – Faenza (Ravenna)	Air Force Defense Research Sciences Program	Characterization of Ultra High Temperature Ceramics Via Transmission Electron Microscopy	\$195,000	\$195,000	Department of Defense	8-12-2011	7-3-2015
Consiglio Nazionale delle Ricerche – Istituto di Scienze Marine (CNR-ISMAR) – Venezia	Basic and Applied Scientific Research	22nd Wise Meeting	\$14,000	\$14,000	Department of Defense	15-3-2015	19-3-2015
Consiglio Nazionale delle Ricerche – Istituto di Scienze Marine (NR-ISMAR) – Venezia	Basic and Applied Scientific Research	21st Wise Meeting	\$12,000	\$12,000	Department of Defense	8-6-2014	12-6-2015
Consiglio Nazionale delle Ricerche – Istituto Nanoscienze NANO di Pisa	Air Force Defense Research Sciences Program	Basic Research for Aoard 134029 “Quantum Properties of Molecular Nanomagnets, Dated 19 Nov 12”	\$83,419	\$83,419	Department of Defense	18-7-2013	17-1-2017
Consiglio Nazionale delle Ricerche – Istituto Nanoscienze NANO di Pisa	Air Force Defense Research Sciences Program	Quantum Phenomena in Graphene, Other Low-dimensional Materials, and Optical Lattices	\$10,000	\$10,000	Department of The Air Force	5-7-2011	26-7-2012
Consiglio Nazionale	Air Force Defense Research	Shedding Light on			Department	1-2-2017	31-1-2020

delle Ricerche – Istituto per i Polimeri Composti e Biomateriali (CNR-IPCB) di Napoli	Sciences Program	Brain Microdomains	\$150,000	\$50,000	of Defense		
Consiglio Nazionale delle Ricerche – Istituto per la Microelettronica e Microsistemi (CNR-IMM) di Catania	Basic Scientific Research	International Conference on Silicon Carbide and Related Materials (icscrm2015)	\$5,000	\$5,000	Department of Defense	1-5-2015	30-9-2015
Consiglio Nazionale delle Ricerche – Istituto Superconduttori Materiali Innovativi (CNR-SPIN) di Genova	Basic Scientific Research	Large Artificial Optical Nonlocality in Kaptiza-like Metamaterials	\$55,000	\$55,000	Department of Defense	1-10-2014	30-9-2016
ENEA	Basic and Applied Scientific Research	35 th International Conference on Infrared, Millimeter, and Terahertz Waves	\$10,000	\$10,000	Department of The Navy	5-9-2010	10-9-2010
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – Trieste	Basic and Applied Scientific Research	Coastal Ocean Circulation Experiment Off Senegal (coces-ii)	\$317,640	\$317,640	Department of The Navy	23-5-2011	31-12-2013
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – Trieste	Basic and Applied Scientific Research	Circulation and Water Mass Properties in The Northeastern Levantine	\$270,000	\$270,000	Department of Defense	10-7-2015	31-12-2017
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – Trieste	Basic and Applied Scientific Research	Coastal Ocean Circulation Experiment Off Senegal (coces)	\$156,759	\$156,759	Department of The Navy	19-10-2009	3-6-2010
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – Trieste	Basic and Applied Scientific Research	Near-surface Dispersion And Circulation In The Marmara Sea	\$68,333	\$68,333	Department of The Navy	9-3-2010	30-6-2010
Istituto Nazionale di Oceanografia e di Geofisica Sperimentale – Trieste	Basic and Applied Scientific Research	Surface Circulation In The Northeastern Mediterranean	\$48,889	\$48,889	Department of The Navy	9-3-2010	31-5-2010
Comitato Atlantico Italiano – Roma	Unknown	Contribute to The Organization of a Conference Entitled “The Nato Strategic Concept and The Future of Transatlantic	\$3,000	\$3,000	Department of State	23-11-2009	23-11-2009

		Relation"					
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Nicop - Network Long Baseline	\$131,461	\$131,461	Department of Defense	2-5-2016	31-7-2017
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Nicop - Glider with Acoustic Payloads for Seabed Characterization (glapsc)	\$113,700	\$113,700	Department of Defense	28-11-2016	27-11-2018
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Seafloor Characterization Using Gliders (2012)	\$59,996	\$59,996	Department of The Navy	23-2-2012	30-9-2012
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Seafloor Characterization Using Gliders (2013)	\$59,996	\$59,996	Department of Defense	23-2-2012	30-1-2014
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Nato Engineering Support Team for Student Autonomous Underwater Vehicle Challenge-europe	\$55,601	\$55,601	Department of The Navy	1-9-2011	31-8-2012
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Closed-form and Numerical Reverberation and Propagation: Inclusion of Convergence Effects	\$46,000	\$46,000	Department of The Navy	20-1-2012	31-12-2012
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Closed-form and Numerical Reverberation and Propagation	\$42,000	\$42,000	Department of Defense	20-1-2012	30-1-2014
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	8th Annual Student Autonomous Underwater Vehicle Challenge Europ (sauc-e '13)	\$36,000	\$36,000	Department of Defense	26-7-2013	26-7-2013
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	6th Annual Student Autonomous Underwater Vehicle Challenge Europe (sauc-e'11)	\$30,000	\$30,000	Department of The Navy	16-3-2011	4-7-2012
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	7th Annual Student Autonomous Underwatervehicle Challenge Europe Sauc-e '12	\$30,000	\$30,000	Department of The Navy	15-3-2012	6-7-2013
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Symposium on Port and Regional Maritime Security	\$22,400	\$22,400	Department of The Navy	20-12-2011	13-5-2012
NATO Centre for Maritime Research &	Basic and Applied Scientific	Csp - Ucomms 2016 Conference (underwater Communications	\$22,086	\$22,086	Department	17-6-2016	1-9-2016

Experimentation	Research	Networking)			of Defense		
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	5th Annual Student Autonomous Underwater Vehicle Challenge Europe	\$20,000	\$20,000	Department of The Navy	28-6-2010	4-7-2010
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	9th Annual Student Autonomous Underwater Vehicle Challenge Europe	\$20,000	\$20,000	Department of Defense	20-9-2014	26-9-2015
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Underwater Communications 2014	\$20,000	\$20,000	Department of Defense	3-9-2014	5-9-2015
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Csp - 11th Student Autonomous Vehicle Challenge - Europe (sauc-e) 2016	\$20,000	\$20,000	Department of Defense	5-5-2016	9-5-2017
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Quantifying Predicting, Exploiting Uncertainties in Marine Environment	\$15,000	\$15,000	Department of The Navy	27-9-2010	1-10-2010
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	The 3rd International Conference on Synthetic Aperture Sonar and Synthetic Aperture Radar	\$15,000	\$15,000	Department of Defense	17-9-2014	19-9-2015
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Eurathlon 2014	\$15,000	\$15,000	Department of Defense	29-9-2014	3-10-2015
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Underwater Communication Channel Modelling and Validation	\$10,000	\$10,000	Department of The Navy	25-3-2012	24-9-2013
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Mesas'14 - 2014 Modeling and Simulation for Autonomous Systems Workshop	\$10,000	\$10,000	Department of Defense	5-5-2014	6-5-2015
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	2015 Modelling and Simulation for Autonomous Systems Workshop	\$10,000	\$10,000	Department of Defense	30-1-2015	30-9-2015
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Csp - 11th Student Autonomous Vehicle Challenge - Europe (sauc-e) 2016	\$10,000	\$10,000	Department of Defense	30-4-2016	9-5-2017
NATO Centre for Maritime Research & Experimentation	Basic and Applied Scientific Research	Vsp - Seabed Characterization Experiment 2017 Planning Meeting	\$2,600	\$2,600	Department of Defense	10-5-2016	20-6-2016
NATO Modelling & Simulation Centre of	Basic and Applied Scientific	Csp – Modelling And Simulation For Autonomous Systems	\$10,000	\$10,000	Department	29-4-2016	8-10-2016

Excellence – Roma	Research	Workshop 2016			of Defense		
Istituto Europeo di Oncologia di Milano	Military Medical Research and Development	Clinical Validation of a Mirna Blood Test to Identify High-risk Individuals Eligible for Low-dose Computed Tomography Screening for Lung Cancer Early	\$519,311	\$519,311	Department of Defense	30-9-2014	29-9-2017
Istituto Ortopedico Galeazzi SpA di Milano	Military Medical Research and Development	Bone Tropism of Breast Cancer Metastases: Dissecting The Role of Endothelial Adhesion Molecules Through Human Organotypic Vascularized Microfluidic 3	\$349,689	\$349,689	Department of Defense	1-6-2015	31-5-2017
Istituto Ambiente Europa Società Cooperativa , Milano	Education/Training	Environmental Security Training to Develop Professional Training To Navy Personnel	\$820	\$820	Department of The Navy	8-6-2016	8-7-2017
EAAT Design e Prototyping di Modesto Pecora, Napoli	Basic and Applied Scientific Research	Eurocorr 2014	\$10,000	\$10,000	Department of Defense	8-9-2014	12-9-2015
Industrie Bitossi SpA di Vinci (Firenze)	Basic Scientific Research	Improved Sintered and Sinter/hot Isostatic Pressed Fine Grain Alumina Compositions for Ballistic Applications	\$50,000	\$50,000	Department of Defense	19-9-2013	18-5-2014
Cerri Sara (ricercatrice di Gattinara, Vercelli)	Basic and Applied Scientific Research	Promoting The Asia-pacific Technology and Education Program (aptep) Through Eu-Hnei Collaborations and Research	\$150,120	\$150,120	Department of Defense	6-8-2013	30-1-2016
Roppo Vito (ricercatore di Sannicandro di Bari)	Basic Scientific Research	Revisiting Harmonic Generations in Metal and Semi-conductors	\$50,000	\$50,000	Department of The Army	28-9-2010	20-3-2012
Roppo Vito (ricercatore di Sannicandro di Bari)	Basic Scientific Research	Second and Third Order Nonlinear Optical Phenomena in Complex Metal-dielectrica and Plasmonic Nanostructures: Theory and Calculations	\$40,000	\$15,000	Department of Defense	16-9-2013	16-9-2015
Totem Srl di Chiavari (Genova)	Basic and Applied Scientific Research	Oceans'15 Mts/ieee Genova	\$10,000	\$10,000	Department of Defense	18-5-2015	22-5-2015

La tabella è stata elaborata dal peace researcher Antonio Mazzeo e può essere utilizzata liberamente da tutte/i, previa citazione della fonte.