

NATO Science Programme

Project title	Duration	Project leader / Faculty
NATO Networking Infrastructure Grant: Development of Infrastructure for Remote Laboratory and Teaching via Internet	2004-2005	G. Tamulaitis (Faculty of Physics)
NATO Reintegration Grant: Investigation of Principles of the Locomotor Neural Network	2005-2008	A. Alaburda (Faculty of Natural Sciences)
NATO Collaborative Linkage Grant: Nano-structured Functional Coatings for Optical and Lubricant Applications	2003-2004	A. Kareiva (Faculty of Chemistry)
Science for Peace: Ceramic Substrate with Controlled Piezoelectric Properties for Surface Acoustic Wave Applications (SfP-Acoustic Waves)	2000-2003	V. Šugurovas (Faculty of Physics)
Science for Peace: Development of Novel Optical Techniques and Devices for Nondestructive Characterization of Semiconducting Compounds and Structures (SfP-Semiconducting Compounds)	2001-2004	K. Jarašiūnas (Institute of Materials Science and Applied Research)
Physical and Engineering S&T: Optical Gain and Electroluminescence in Silicon Nanocrystals	2001-2003	R. Tomašiūnas (Institute of Materials Science and Applied Research)
NATO/CCMS Pilot study: Modeling of Nutrient Loads and Response in River and Estuary Systems	2001-2003	R. Lekevičius (Faculty of Natural Sciences)
Science for Peace: Natural Resources for Industry: Investigation of Protein Refolding Factors and their Implementation into the Biotechnical Process (SfP-Protein Structure)	1999-2002	K. Sužiedėlis (Faculty of Natural Sciences)
Science for Peace: Laser Spectrometer for Testing of Coatings of Crystals and Optical Components in Wide Spectral and Angle Range (SfP-Laser Spectrometer)	1999-2002	V. Sirutkaitis (Faculty of Physics)
NATO project: Spatial Patterns and Localized Structures in X(2) Optical Microcavities	2002-2004	G. Šlekys (Faculty of Physics)
NATO: Carbon nanotubes based composite materials for electromagnetic shielding in microwaves	2010-2012	J. Banys (Faculty of Physics)

Lithuanian-Swiss cooperation programme "Research and development"

Project title	Duration	Project leader / Faculty
Asymptotic problems and Applications	2012-2016	K. Pileckas (Faculty of Mathematics and Informatics)
Swiss-Lithuanian Ferroelectrics: From controlled internal fields to energy harvesting / medical diagnostics / microelectronic applications	2012-2016	J. Banys (Faculty of Physics)
Directed evolution of computer engineered enzymes using droplet-based microfluidics	2012-2016	A. Janulaitis (Institute of Biotechnology)
Unique genome variants in congenital neurodevelopmental disorders: origin, genomic mechanisms, functional and clinical consequences	2012-2016	V. Kučinskas (Faculty of Medicine)
Signalling control of pathogen induced plant immunity	2013-2016	I. Meškienė (Institute of Biotechnology)

Project title	Duration	Project leader / Faculty
Climate change in peatlands: holocene record, recent trends and related impacts on biodiversity and sequestered carbon	2013-2016	E. Rimkus (Faculty of Natural Sciences)

EU Public Health programme

Project title	Duration	Project leader / Faculty
Health Indicators for People with Intellectual Disability: Using Indicator Set (POMONA II)	2005-2008	A. Germanavičius (Faculty of Medicine)
Institutional Treatment, Human Rights and Care Assessment (ITHACA)	2007-2010	A. Germanavičius (Faculty of Medicine)
European Platform for Mental Health Promotion and Mental Disorders Prevention: Indicators, Interventions and Policies (EMPHA)	2005-2008	D. Pūras (Faculty of Medicine)
European Centres of Reference Network for Cystic Fibrosis (ECORN-CF)	2007-2009	V. Kučinskas (Faculty of Medicine)
Child and Adolescent mental Health in Enlarged European Union: Development of Effective Policies and Practices (CAMHEE)	2007-2009	R. Povilaitis (Faculty of Philosophy)
European Network for Promoting the Health of Residents in Psychiatric and Social Care Institutions (HELPS)	2008-2011	A. Germanavičius (Faculty of Medicine)
Anti Stigma Programme: European Network (ASPEN).	2008-2011	A. Germanavičius (Faculty of Medicine)
Suicide Prevention by Internet and Media Based Mental Health Promotion (SUPREME)	2010-2012	A. Germanavičius (Faculty of Medicine)

Other international programmes

Project title	Duration	Project leader / Faculty
<i>EU Civil Justice Programme</i> : The Perspectives of the Europeization of the Law of Succession	2008-2010	T. Davulis (Faculty of Law)
<i>EU Asia-Link programme</i> : Creation of Basis for Educational and Research Networking between Europe and Nepal through Initial Collaboration in Lighting and Energy Technology Development (ENLIGHTEN)	2005-2008	G. Tamulaitis (Institute of Materials Science and Applied Research)
<i>EU AGRIRES</i> : Core Collection of Northern European Gene Pool of Ribes (RIBESCO)	2007-2011	D. Ryliškis (Faculty of Natural Sciences)
<i>ISEC</i> : Automated Age Estimation and Identification of Juvenile Victims on Pedopornographic Contents	2007-2010	J. Tutkuvienė (Faculty of Medicine)
<i>AGIS</i> : Optimisation of methods for identification of persons on photographs (photoidentification): A contribution to combat and prevention of crime in Europe	2006-2007	J. Tutkuvienė (Faculty of Medicine)
<i>AGIS</i> : Development of a software for an automated identification of pornographic as a "child pornography" by age estimation based on the facial proportions of the victims	2006-2007	J. Tutkuvienė (Faculty of Medicine)

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<i>STOPII</i> : Development of a Software Automated Identification of Pornographic Material as Child Pornographic Material as Child Pornography by Age Estimation	2002-2004	J. Tutkuvienė (Faculty of Medicine)
<i>INTERREG IIIB</i> : Developing Policies and Adaptation Strategies to Climate Change in the Baltic Sea Region (ASTRA)	2005-2007	A. Bukantis (Faculty of Natural Sciences)
<i>Baltic Sea Region Programme 2007-2013</i> : Climate Change: Impacts, Costs and Adaptation in the Baltic Sea Region (BaltCICA)	2009-2012	E. Rimkus (Faculty of Natural Sciences)
<i>Baltic Sea Region Programme 2007-2013</i> : Baltic Organisation and Network of Innovation Transfer Associations (BONITA)	2009-2012	A. Mitašiūnas (Faculty of Mathematics and Informatics)
<i>Baltic Sea Region Programme 2007-2013</i> : Baltic Sea Health Region - Business Acceleration Support and Training Bridging Innovative SMEs and Health Care Organisations to Strengthen BSR Health Economy / BSHR HealthPort (HealthPort)	2010-2013	D. Matulis (Institute of Biotechnology)
<i>CERN RD39 Collaboration Programme</i> „Cryogenic Tracking Detectors“: Free Carrier Lifetime in Irradiated Si	2002-2009	J. V. Vaitkus (Institute of Applied Research)
<i>CERN RD50 Collaboration Programme</i> „Radiation Hard Semiconductor Devices for Very High Luminosity Colliders“: Materials Characterization; Defect Engineering	2002-2009	J. V. Vaitkus (Institute of Applied Research)
<i>HPA</i> : European Rotavirus Network		V. Usonis (Faculty of Medicine)
<i>ESA Research Programme Grant</i> : New Method to Evaluate Dehydration and to Perform Goal-directed Fluid Therapy		J. Ivaškevičius (Faculty of Medicine)
<i>INTAS</i> : Eurasian Political Studies Network: Developing comparative studies of regime transformations in multicultural societies and state-nation building process in post-soviet region		(Institute of International Relations and Political Science)
<i>INTAS</i> : Spectroscopy and Laser Control of Ultrafast Molecular-scale Dynamics of Photodissociation and Photochemical Reactions		R. Gadonas (Faculty of Physics)
<i>INTAS</i> : Investigation on Electrochemically Manufactured Materials and Its Tribological Properties Applying Them for Micro- and Nanotechnology Products	2006-2008	H. Cesiulis (Faculty of Chemistry)
<i>NSF International Collaboration on NIRT Grant</i> : Electrodesposition of Nanostructured Multilayers		H. Cesiulis (Faculty of Chemistry)
<i>E-Education in Research Ethics</i> : Central / Eastern Europe		(Faculty of Medicine)
<i>EUREKA</i> : Novel Optical Measurement Technologies and Devices for Advanced Semiconductor Diagnostics (E!4473-OPTICAL DIAGNOSTICS)	2008-2013	K. Jarašiūnas (Institute of Materials Science and Applied Research)
<i>EUREKA</i> : Applied Electrical Dc-Potential for Flow Improvement and Antifoulant (E!3228-EMTP)	2005-2008	V. Daujotis (Faculty of Chemistry)

Project title	Duration	Project leader / Faculty
EUREKA: Optimised Complex Technology for Grease Waste Utilisation (E!3726-EUROENVIRON DEGREAS)	2006-2009	V. Bendikienė (Faculty of Natural Sciences)
EUREKA: Instruments and Standart Test Procedures for Laser Beam and Optics Characterization (E!2359-CHOCLAB II)	2000-2005	F. Ivanauskas (Faculty of Mathematics and Informatics)
EUREKA: Acoustic wave application for the analysis of the quality and safety of porous food and non-food matrices (ACOUSTICS)	2011-2013	V. R. Adomaitis (Faculty of Physics)
EUREKA: ITEA2 11005 EMPHATIC	2013-2015	V. R. Adomaitis (Faculty of Physics)
European Defence Agency: Explosive detection - Spectroscopy, Terahertz technology and Radar (E-STAR)	2010-2012	J. Banys (Faculty of Physics)
NIH grant: Direct single nucleotide mapping of genomic CpG marks	2013-2015	S. Klimašauskas (Institute of Biotechnology)
NIH grant: Approaches for genomic mapping of 5-Hydroxymethylcytosine, a novel epigenetic mark in mammalian DNA	2010-2012	S. Klimašauskas (Institute of Biotechnology)
NIH grant: Methylome profiling via DNA Methyltransferase directed labelling	(2008)-2010	S. Klimašauskas (Institute of Biotechnology)
EEA Grants: Multifunctional nanoparticles for specific non-invasive early diagnostics and treatment of cancer	2008-2011	R. Rotomskis (Faculty of Physics)
EEA Grants: Dynamics of prognostic and predictive markers for oncology	2008-2011	V. Kirvelienė (Faculty of Natural Sciences)
EEA Grants: Anticancer compound design by structural biothermodynamics. D. Matulis (Institute of Biotechnology)	(2008)-2010	R. Meškys (Institute of Biochemistry)
Eurostars: Production effectiveness navigator (pen!6232 PEN)	2011-2014	G. Dzemyda (Institute of Mathematics and Informatics)
Danish Council for Strategic Research: HeHo - Heat Storage in Hot Aquifers	2011-2015	S. Šliaupa (Faculty of Natural Sciences)
Howard Hughes Medical Institute (HHMI) Grant: Structural characterization of protein interactions in DNA replication, repair and recombination processes through molecular modelling	(2006)-2010	Č. Venclovas (Institute of Biotechnology)
EU ICT PSP: Connecting Archaeology and Architecture in European (CARARE)	2010-2013	V. Vaitkevičius (Faculty of Communication)
EU ICT PSP: Decision making for a united higher education (My University)	2010-2013	N. Bulotaitė (Administration)
Visby programme: Computational Atomic Structure with Applications to Astronomy and Plasma Physics. 2010-2013		G. Gaigalas, L. Radžiūtė (Institute of Theoretical Physics and Astronomy)
ESO: The Gaia-ESO Spectroscopic survey	2011-2016	G. Tautvaišienė (Institute of Theoretical Physics and Astronomy)
Local content in a Europeana cloud (LoCloud)	2013-2016	I. Vosyliūtė (Faculty of Communication)
Ambrosia: Europeana Food and Drink (Ambrosia)	2014-2016	I. Vosyliūtė (Faculty of Communication)