



# STCU Funding Table

## 34th Governing Board Meeting

### 22 June 2012

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
4510	UA	Lviv	Monitoring of electromagnetic conditions of geomagnetic observatory and development of apparatus for magnetic field	"Lvivska Polytechnica" National University	\$194,248							US:2 Canada:2 EU:2
5199	UA	Kyiv	Modeling and computer simulation of new shear-assisted low-temperature consolidation methods for low ductile and nano powders	I.M. Frantsevich Institute of Problems of Materials Science	\$99,950							US:2 Canada:2 EU:2
5263	GE	Tbilisi	Development of processor of inductive inference for realization of intellectual procedures in real	A. Eliashvili Institute of Control Systems	\$149,688							US:2 Canada:2 EU:2
5273	GE	Tbilisi	IDENTIFICATION and COMPUTER ANALYSIS of the COEFFICIENTS in MATHEMATICAL MODEL of PROCESSES with DISTRIBUTED	I. Vekua Sukhumi Institute of Physics and Technology	\$196,052							US:2 Canada:2 EU:2
5367	MD	Chisinau	Combined usage of extremely high frequency radiation and laser in surgical treatment of oncologic patients	Institute of Oncology of Moldova	\$50,000							US:2 Canada:2 EU:2
5368	MD	Chisinau	Research of cells redox state and its changes in relation with multiple plants stress tolerance	Institute of Genetics and Plant Physiology	\$24,526							US:2 Canada:2 EU:2
5369	MD	Chisinau	Application of photoluminescent nanocomposite layers for expansion of spectral sensitivity of silicon solar cells.	Institute of Applied Physics	\$50,009							US:2 Canada:2 EU:2
5372	MD	Chisinau	Quantum states and optical properties of the electron-hole systems in semiconductor	Institute of Applied Physics	\$49,993							US:2 Canada:2 EU:2
5380	MD	Chisinau	Information System for Research, Treatment, Recovery and Rehabilitation in Stroke	Institute of Mathematics and Computer Science	\$50,000							US:2 Canada:2 EU:2
5382	MD	Chisinau	Numerical Methods and Algorithms for Solving Stochastic Dynamic Decision Problems	Institute of Mathematics and Computer Science	\$50,000							US:2 Canada:2 EU:2
5384	MD	Chisinau	Models of high performance computations based on biological and quantum approaches	Institute of Mathematics and Computer Science	\$49,874	\$24,937		€ 20,049		\$24,937	\$ 24937 € 20049	US:5 Canada:2 EU:5
5385	MD	Chisinau	Evaluation of herpes viruses infection in breast cancer patients in Moldova	Institute of genetics and plant physiology of Academy of Sciences of Moldova	\$49,960							US:2 Canada:2 EU:2
5392	MD	Chisinau	Development of procedures towards the efficiency increasing of the ecological fish farming	Institute of Zoology	\$50,000							US:2 Canada:2 EU:2

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4. Same as 3

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5395	MD	Chisinau	Synthesis, antitubercule activity, physicochemical characterization of some thioureids derived from 2-(2-phenethyl)benzoic acid	State Medical and Pharmaceutical University from Moldova "Nicolae Testemitanu"	\$46,780							US:2 Canada:2 EU:2
5397	MD	Chisinau	DECREASING OF LITHOGRAPHIC LIMIT IN NANOSTRUCTURES, AND ITS CONTROL WITH QUANTUM OPTICS AND NUCLEONICS	Institute of Applied Physics	\$49,794							US:2 Canada:2 EU:2
5401	MD	Chisinau	Power Electronic Converters with Synchronized Space-Vector Modulation for Green Transportation and for Renewable Energy Systems	Institute of Power Engineering of the Academy of Sciences of Moldova	\$49,956							US:2 Canada:2 EU:2
5430	UA	Sevastopol	The search for MeV synchrotron blazars	Taurida National V.I. Vernadsky University	\$60,056							US:2 Canada:2
5453	UA	Ужгород	Development of metal-oxide semiconductor plate gas sensors for detection of CO, CH <sub>4</sub> , CO <sub>2</sub> , CH <sub>4</sub> , C <sub>2</sub> H <sub>6</sub>	Research Institute of Analytical Technique of Uzhhorod National University	\$75,490							US:2 Canada:2 EU:2
5460	GE	Tbilisi	Raise of Cereals and Energetic Cultures by Using of Natural Zeolite	Tbilisi I. Javakishvili State University	\$195,674							US:2 Canada:2 EU:2
5463	UA	Kyiv	Developing new mechanomagnetochemical technology for synthesis of antitumor magnetosensitive nanocomplex	National Cancer Institute, Ministry of Health of Ukraine	\$201,404							US:2 Canada:2 EU:2
5474	GE	Tbilisi	Development of Waste Rock Complex Processing Technologies Obtaining Copper and Gold	Georgian Technical University	\$145,953							US:2 Canada:2 EU:2
5476	GE	Tbilisi	Elaborating new methodologies for testing Water safety in Caucasus region	National Center for Disease Control of Georgia	\$188,128							US:2 Canada:2 EU:2
5535	UA	Mykolaiv	Creation of Methods of Powder Treatment and Compaction of Dispersion-Hardened Composites by Highly-Concentrated Energy Flows	Institute of Pulse processes and technologies of NAS of Ukraine	\$200,000							US:2 Canada:2 EU:2
5548	UA	Kharkiv	Sapphire scalpel with fluorescent diagnostics resected fabrics	O.Ya. Usikov Institute of Radiophysics and Electronics	\$96,477							US:2 Canada:2 EU:2
5553	AZ	Baku	Technology of reology modeling of rocks deformation on a basis of gazhydrodynamic researches of wells	Institute of Geology	\$190,000							US:2 Canada:2 EU:2
5554	AZ	Baku	Radio ecological monitoring of territories around Baku city	Baku State University	\$331,328							US:2 Canada:2 EU:2

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5559	GE	Tbilisi	Development and investigation of a carbon nanotube-based nondissipative material for molecular nanoelectronics	E. Andronikashvili Institute of Physics	\$165,521							US:2 Canada:2 EU:2
5563	UA	Dnipropetrovsk	Destruction of Solid Propellant Rocket Engines with Power Production Using Ecological Friendly Technology	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$174,044							US:2 Canada:2 EU:2
5565	AZ	Baku	Development of identification models for analyzing state of plant's protein under the stress	Cybernetics Institute of ANAS	\$217,264							US:2 Canada:2 EU:2
5568	AZ	Baku	Heterostructures of organic-inorganic semiconductors and development of technology of the optoelectronic devices	Institute of Physics	\$97,168							US:2 Canada:2 EU:2
5570	UA	Kyiv	Variation of the components surface topography parameters by programmed laser irradiation	National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$165,386							US:2 Canada:2 EU:2
5572	GE	Tbilisi	Development of a New Environment Monitoring Device	Georgian Technical University	\$267,030							US:2 Canada:2 EU:2
5576	UA	Kharkiv	Development of cartilage and bone tissue engineering technology based on mesenchymal stem cells	Institute for Problems of Cryobiology and Cryomedicine	\$149,853							US:2 Canada:2 EU:2
5578	UA	Kharkiv	Development of molecular test for detection of drug-resistant and drug-susceptible mycobacteria tuberculosis	Mechnikov Institute of Microbiology and Immunology	\$72,824							US:2 Canada:2 EU:2
5579	AZ	Baku	(InSb, GaSb)-3d transition metal eutectic compositions as new magnetic semiconductors for spintronic devices	Institute of Physics	\$237,286							US:2 Canada:2 EU:2
5580	UA	Kyiv	Test-systems based on smart polymers for rapid detection of pharmaceuticals in water resource	Institute of Macromolecular Chemistry	\$256,125							US:2 Canada:2 EU:2
5581	MD	Chisinau	"Elaboration and programming realization of unified algorithms for visualization of medical investigations in DICOM format"	Institute of Mathematics and Computer Science	\$45,449							US:2 Canada:2 EU:2
5589	AZ	Sumgait	Obtaining of the biological and surface active unsaturated substances by chemical and microbiological pathways	Institute of Polymer Materials	\$94,014							US:2 Canada:2 EU:2
5591	AZ	Baku	Development of method of obtaining Pb1-xMnxTe semimagnetic semiconductor nanolayers sensitive to infrared rays and radiation	Institute of Physics	\$99,980							US:2 Canada:2 EU:2

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5592	AZ	Baku	Biotechnology ecological restoration of polluted waters	Institute of Zoology, Azerbaijan National Academy of Sciences	\$100,000							US:2 Canada:2 EU:2
5593	AZ	Baku	Marine Oil Spill Bioremediation	Institute of Chemistry of Additives	\$49,997							US:2 Canada:2 EU:2
5594	AZ	Baku	PREPARATION AND INVESTIGATION OF NEW COMPOSITE PHYTOSORBENTS	Default Main Organization Institute of Radiation Problems of NASA	\$99,680							US:2 Canada:2 EU:2
5597	AZ	Baku	Development of a method of processing of geochemical data for oil and gas fields exploration.	Institute of Physics	\$95,595							US:2 Canada:2 EU:2
5598	AZ	Baku	Development and manufacture of polymeric and solid solution CuInSe <sub>2</sub> -FeSe -based thin film composite nonlinear resistors	Institute of Physics	\$100,000							US:2 Canada:2 EU:2
5599	AZ	Baku	Development and investigation of gamma-radiation detectors based on the AIBIICV12 materials	Institute of Physics	\$50,000							US:2 Canada:2 EU:2
5600	AZ	Baku	Detection and physical analysis of the W and Z bosons productions in highenergy p-p collisions	Institute of Physics	\$100,100							US:2 Canada:2 EU:2
5603	AZ	Baku	Definition of features of a geological cut on complex well the geophysical information	Institute of Geology	\$100,000							US:2 Canada:2 EU:2
5604	AZ	Baku	Development of mini-capacitor on the basis of nanofibrous superior TiGaTe <sub>2</sub> -TlInTe <sub>2</sub> crystals	Institute of Radiation Problems	\$49,960							US:2 Canada:2 EU:2
5607	UA	Paulograd	Bio-Fuel Spray Penetration, Heating, Evaporation and Ignition: Modelling and Researches Energy Renewal from Biomass	Small Private Enterprise "Clean - Service"	\$157,568							US:2 Canada:2 EU:2
5612	AZ	Baku	Synthesis of plant-based magnetic nanoparticles and its prospects of application to diagnostics	Institute of Radiation Problems	\$96,096							US:2 Canada:2 EU:2
5617	UA	Kyiv	A novel electrochemical multibiosensor for botulinum neurotoxin detection	Institute of Molecular Biology and Genetics	\$267,464							US:2 Canada:2 EU:2

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5648	GE	Tbilisi	Investigation of epilepsy and depression comorbidity	Life Science Research Center	\$158,400							US:2 Canada:2 EU:2
5652	UA	Kharkiv	Nanostructured mikrolaminates: obtaining and properties	National Science Center "Kharkiv Institute of Physics and Technology"	\$195,008							US:2 Canada:2 EU:2
5690	UA	Kyiv	Magnetic iron-based nanomaterials for local therapy	I.M. Frantsevich Institute of Problems of Materials Science	\$177,860							US:2 Canada:2 EU:2
5693	UA	Lviv	Development of high-performance acoustooptic modulators on standing acoustic waves	Karpenko Institute of Physics and Mechanics	\$130,000							US:2 Canada:2 EU:2
5705	AZ	Baku	Composition and antiradiation activity of some endemics of Azerbaijan flora, promising as pseudo drugs	Institute of Microbiology	\$186,688							US:2 Canada:2 EU:2
5706	AZ	Baku	Biological effect of man-made electromagnetic fields on the territory of Azerbaijan	Institute of Botany	\$183,624							US:2 Canada:2 EU:2
9901	UA	Kyiv	Establishing a Regional Nuclear Forensics Laboratory	Institute for Nuclear Research	€ 918,744							US:1 Canada:1 EU:1
<b>Subtotal Regular Projects Approved:</b>					\$7,235,324 € 918744	\$24,937	\$0	€ 20,049	\$0	\$24,937	\$ 24937 € 20049	
5368	MD	Chisinau	Research of cells redox state and its changes in relation with multiple plants stress tolerance	Institute of Genetics and Plant Physiology	\$50,000	(\$12,500)		(€ 9,373)		-\$12,500	-\$12500 €9373	US:5 Canada:2 EU:5
5385	MD	Chisinau	Evaluation of herpes viruses infection in breast cancer patients in Moldova	Institute of genetics and plant physiology of Academy of Sciences of Moldova	\$49,960			(€ 18,731)			(€ 18,731)	US:2 Canada:2 EU:5
5620	GE	Tbilisi	Genetic Factors' and Salt-consumption Effects on Arterial Hypertension in Ethnically Homogenous (Svanetian) Population of Georgia	Tbilisi State Medical University	\$69,980			€ 28,132			€ 28132	US:2 Canada:2 EU:5
5621	GE	Tbilisi	Influence of fast local fluctuations of meteorological factors on heart patients in urban environment.	Tbilisi I. Javakishvili State University	\$70,000							US:2 Canada:2 EU:2
5622	GE	Tbilisi	Monodromic quantum computation	Tbilisi I. Javakishvili State University	\$69,967	\$17,492		€ 14,063		\$17,492	\$ 17492 € 14063	US:5 Canada:2
5623	GE	Tbilisi	Biodiversity and heavy metal concentrations in soil invertebrates near polymetal tailing sites (Kazreti, Georgia)	Iliia Chavchavadze State University	\$67,911			€ 27,300			€ 27300	US:2 Canada:2 EU:5

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5624	GE	Tbilisi	Correction of genome by nanopeptides and metal ions to prevent and hinder of hypertrophic cardiomyopathy	Tbilisi I. Javakhsivili State University	\$67,936			€ 27,310			€ 27310	US:2 Canada:2 EU:5
5625	GE	Tbilisi	DNA DIVERSITY OF GEORGIAN ENDEMIC WHEATS AND THEIR PREDECESSORS BY SNP AND CNV	NLE Agrarian University of Georgia	\$70,000							US:2 Canada:2 EU:2
5626	GE	Tbilisi	Study of emotional-motivational, neurovegetative correlates of extremely low frequency electromagnetic field exposure	Life Science Research Center	\$70,000							US:2 Canada:2 EU:2
5627	GE	Tbilisi	New composite materials on the basis of vegetative raw materials and ecologically pure coatings	Tbilisi I. Javakhsivili State University	\$70,000							US:2 Canada:2 EU:2
5628	GE	Tbilisi	Elaboration of Biological Control to Parasite Plant Broomrape at Sunflower Crops in Georgia	Agrarian University of Georgia, Kanchaveli L.Institute of Plant Protection	\$70,000							US:2 Canada:2 EU:2
5629	GE	Tbilisi	Development of the competitive and low-cost technologies of hydrolytic enzyme production, lignocellulose delignification and saccharification for the bioethanol	Durmishidze Institute of Biochemistry and Biotechnology	\$69,750			€ 28,039			€ 28039	US:2 Canada:2 EU:5
5630	GE	Tbilisi	Entomopathogenic fungi and Entomopathogenic nematodes as a biological agents for Integrate Pest Management in Georgia	Agrarian University of Georgia, Vasil Gulisashvili Forest Institute	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5631	GE	Tbilisi	Development and Research n & p type Crystals and Nano-Size Structures of beta-Rhombohedral Boron	I. Vekua Sukhumi Institute of Physics and Technology	\$70,000							US:2 Canada:2 EU:2
5632	GE	Tbilisi	Analysis of the mechanisms of whole body hyperthermia-induced behavioral disorders (experimental study)	Life Science Research Center	\$69,963			€ 28,125			€ 28125	US:2 Canada:2 EU:5
5633	GE	Tbilisi	ZnO Quantum Structures in Modern Electronics - From Thin Films to Nanowires	Tbilisi I. Javakhsivili State University	\$69,999			€ 28,140			€ 28140	US:2 Canada:2 EU:5
5634	GE	Tbilisi	Targeting of detoxification potential of microorganisms and plants for cleaning environment polluted by organophosphorus pesticides	Durmishidze Institute of Biochemistry and Biotechnology	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5635	GE	Tbilisi	Studying the accumulation and distribution of toxic elements by some Georgian feed plants	E. Andronikashvili Institute of Physics	\$69,600			€ 27,979			€ 27979	US:2 Canada:2 EU:5
5636	GE	Tbilisi	Concrete Protection from Destructive Effect of Surface-Active Substances by Their Impregnation with Thermoplastic Materials	Union "Science and Energetics"	\$70,000							US:2 Canada:2 EU:2
5637	GE	Tbilisi	The Universal Container resistant to explosion, kinetic shock-worker, high temperatures and radiation	F. Tavadze Institute of Metallurgy and Material Sciences	\$70,000							US:2 Canada:2 EU:2

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5638	GE	Kutaisi	Theoretical and Experimental Investigation of Electro-Membrane Processes for Manufacturing of High-Performance Electro-Dialysis	Akaki Tsereteli State University	\$70,000							US:2 Canada:2 EU:2
5639	GE	Batumi	Study of spread area and pathotype structure of <i>Synchitrium endobioticum</i> in Georgia	Shota Rustaveli State University	\$69,980							US:2 Canada:2 EU:2
5640	GE	Tbilisi	Hot Explosive Consolidated Novel Nanostructural Ag-W Compositions with Improved Electronic Properties	G. Tsulukidze Mining Institute	\$70,000							US:2 Canada:2 EU:2
5641	GE	Tbilisi	Validation of New DTI Parameters as imaging biomarkers of Ischemic Stroke	Georgian Neuroforum	\$70,000							US:2 Canada:2 EU:2
5642	GE	Tbilisi	Creation of modeling software for molecular nanostructures development and some quantum processes inside them	Tbilisi I. Javakishvili State University	\$69,636							US:2 Canada:2 EU:2
5643	GE	Tbilisi	Elaboration of low temperature electroplating technology of metals with obtaining nanostructural aluminum coatings	Ivane Javakishvili Tbilisi State University, R.Agladze Institute of Inorganic Chemistry and Electrochemistry	\$70,000							US:2 Canada:2 EU:2
5644	GE	Tbilisi	Radon background in drinking and surface waters in areal □ of capital of Georgia - Tbilisi	Tbilisi I. Javakishvili State University	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5707	UA	Kyiv	Developing and full-scale production preparing of distributed smart biosensors with radio-channel for precision farming	V.M. Glushkov Institute of Cybernetics	\$70,000							US:2 Canada:2 EU:2
5708	UA	Kyiv	Development of modern information technologies for maintenance and predicting of catastrophic situations in bioly	V.M. Glushkov Institute of Cybernetics	\$70,000							US:2 Canada:2 EU:2
5709	UA	Kyiv	Technology of superhigh density laser recording on the thin nanocomposite films for modern information systems	Institute of Data Recording Problems	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5710	UA	Kyiv	Computer technologies for placement and covering problems: models, methods and software	V.M. Glushkov Institute of Cybernetics	\$69,994			€ 28,137			€ 28137	US:2 Canada:2 EU:5
5712	UA	Kyiv	Development of silicon amorphous-crystalline nanocomposites with controlled band gap for thin film solar cells of roll and cascade	Institute of Physics	\$70,000							US:2 Canada:2 EU:2
5713	UA	Kyiv	Development of a technology of formation of functional carbon nanostructures using a novel hybrid helicon-arc ion plasma	G.V. Kurdyumov Institute for Metal Physics	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5714	UA	Kyiv	Nanostructured left-handed media and magnetotunable elements on their basis for applications in EHF band	Institute of Magnetism under NAS and MES of Ukraine	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5

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5715	UA	Kharkiv	The development of resin-bonded magnets with determined spatial magnetic field configuration for biotechnology	National Science Center "Kharkiv Institute of Physics and Technology"	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5716	UA	Kyiv	Development of Graphene Technologies and Investigation of Graphene-based Nanostructures for Nanoelectronics and Optoelectronics	V.E. Lashkaryov Institute of Semiconductor Physics	\$70,000	\$17,500		€ 14,070		\$17,500	\$ 17500 € 14070	US:5 Canada:2 EU:5
5717	UA	Kyiv	Development of superconducting thin film technology for advanced satellite instrumentations (including gravimeters and accelerometers)	Space Research Institute under NAS and National Space Agency	\$70,000							US:2 Canada:2 EU:2
5718	UA	Kyiv	Design and study of composite biofunctional iron-based nanomaterials for medical application	G.V. Kurdyumov Institute for Metal Physics	\$70,000							US:2 Canada:2 EU:2
5720	UA	Kharkiv	Effects of insoluble components on hydrogen storage and desorption from Mg-Cu composites obtained by ion mixing method	National Science Center "Kharkiv Institute of Physics and Technology"	\$70,000							US:2 Canada:2 EU:2
5721	UA	Kyiv	Development of new topologically-adaptive nanostructurization technologies for advanced IR photonics media based on chalcogenide semiconducting	Institute of Physics	\$69,870	\$17,468		€ 14,044		\$17,468	\$ 17468 € 14044	US:5 Canada:2 EU:5
5722	UA	Kyiv	CREATION OF ADVANCED POWER AND ENVIRONMENTAL FUNDAMENTALS AND DEVELOPMENT OF HEAT EXCHANGE EQUIPMENT FOR NATURAL GAS SUBSTITUTION BY ALTERNATIVE FUELS IN	Gas Institute of the NAS of Ukraine	\$70,000			€ 28,140			€ 28140	US:2 Canada:2 EU:5
5723	UA	Kharkiv	Creating technologies for energy-effective and environmentally safe biomass and waste usage for producing composite fuels	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$70,000							US:2 Canada:2 EU:2
5724	UA	Kharkiv	Development of Energy Saving Ecologically Clean Technology for Solid Fuel Production from Waste	National Science Center "Kharkiv Institute of Physics and Technology"	\$70,000							US:2 Canada:2 EU:2
5725	UA	Kyiv	Simulation of low-grade solid fuels oxygen gasification and directions of produced synthesis gas optimal use	Gas Institute of the NAS of Ukraine	\$70,000			€ 28,140			€ 28140	US:2 Canada:2 EU:5
5726	UA	Lviv	Methodology-software complex for seisomacoustic prospecting of shale gases based on adequate models of structural mechanics	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	\$70,000			€ 28,140			€ 28140	US:2 Canada:2 EU:5
5727	UA	Chernivtsy	Development of thermoelectric generator installation utilizing the exhaust gas heat of gas pumping units	Institute of Thermoelectricity under NAS and MES of Ukraine	\$70,000							US:2 Canada:2 EU:2

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5728	UA	Sumy	Development of single-ion and X-ray microbeams using an electrostatic accelerator to investigate radiation damage in	Institute of Applied Physics	\$64,219	\$16,055		€ 12,908		\$16,055	\$ 16055 € 12908	US:5 Canada:2 EU:5
5729	UA	Lviv	Metabolic engineering of the yeast <i>Candida famata</i> for construction of robust riboflavin producers	Institute of Cell Biology NAS of Ukraine	\$68,600			€ 27,577			€ 27577	US:2 Canada:2 EU:5
5730	UA	Kyiv	From genotype to phenotype: preeclampsia	Institute of Molecular Biology and Genetics	\$70,000							US:2 Canada:2 EU:2
5731	UA	Kyiv	Hydrogen producers identification from microalgae collection by gene expression analysis of hydrogen biosynthesis key enzymes	Institute of Food Biotechnology and Genomics	\$70,000							US:2 Canada:2 EU:2
<b>Subtotal Targeted R&amp;D Init. Projects Approved:</b>					\$3,447,365	\$178,515	\$0	€ 460,630	\$0	<b>\$178,515</b>	<b>\$ 178515 € 460630</b>	
P004m	UA	Kyiv	Study of thyroid cancer and other thyroid disorders in Ukraine following the Chornobyl accident: the 5th anniversary cycle	Institute of Endocrinology and Metabolism	\$266,448	\$266,448				\$266,448	\$ 266448	US: Canada: EU:
P004n	UA	Kijiv	Study of thyroid cancer and other thyroid disorders in Ukraine following the Chornobyl accident: in utero irradiation	Institute of Endocrinology and Metabolism	\$103,740	\$103,740				\$103,740	\$ 103740	US: Canada: EU:
P179b	UA	Kharkiv	Development of Meteorological Radars	Institute of Radio Astronomy	€ 580,000			€ 580,000			€ 580000	US: Canada:
P267a	UA	Sevastopol	SeaDataNet II: Pan-European infrastructure for ocean and marine data management	Marine Hydrophysical Institute	€ 46,130			€ 46,130			€ 46130	US: Canada: EU:
P292c	UA	Kyiv	Newly developed environmentally acceptable composites for protection of metals from corrosion	Institute of Surface Chemistry	\$94,629	\$94,629				\$94,629	\$ 94629	US: Canada: EU:
P313	UA	Kharkiv	Biomedical Probes and Labels	Institute for Single Crystals R&D Corporation	\$18,500	\$18,500				\$18,500	\$ 18500	US: Canada:
P334b	UA	Kharkiv	"Creation of the Commercialisation Unit of the Scientific & Technological Products of the NSC KIPT"	National Science Center "Kharkiv Institute of Physics and Technology"	\$75,214				\$75,214	\$75,214	\$ 75214	US: Canada: EU:
P344a	UA	Kyiv	The Development of Bio-equivalent Ultraviolet Dosimeter To Monitor the Capacity for Vitamin-D Synthesis of Sunlight	Institute of Physics	\$25,000	\$25,000				\$25,000	\$ 25000	US: Canada: EU:
P366a	UA	Kyiv	Detection of radiation-induced gene alterations in breast cancer for an improved assessment of radiation-related risks	Research Centre for Radiation Medicine of Academy of Medical Sciences of Ukraine	€ 80,000			€ 80,000			€ 80000	US: Canada: EU:

1. Review Incomplete
2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Same as 3

5. Approved for funding.  
See comments
6. Proj. Dev Grant awarded
7. N/A
8. Review complete - to be considered at next GBM



# STCU Funding Table

## 34th Governing Board Meeting

### 22 June 2012

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P384	UA	Kharkiv	High Quantum Efficiency Organic Luminophores	State Scientific Institution "Institute for Single Crystals"	\$9,999	\$9,999				\$9,999	\$ 9999.19	US: Canada: EU:
P400a	UA	Sevastopol	MyOcean2	Marine Hydrophysical Institute	€ 371,000			€ 371,000			€ 370999.67	US: Canada: EU:
P405	UA	Kharkiv	STUDY OF TUNGSTEN CRACKING AND RESIDUAL STRESSES INDUCED BY REPETITIVE PLASMA PULSES SIMULATING ITER ELMS	National Science Center "Kharkiv Institute of Physics and Technology"	€ 12,000			€ 12,000			€ 12000	US: Canada: EU:
P423c	UA	Dnipropetrovsk	Development of Glossary on Rocket-Space Technologies	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$49,988	\$49,988				\$49,988	\$ 49988	US: Canada: EU:
P460	UA	Kharkiv	Development and creation of the experimental samples for nondestructive analysis of uranium materials	National Science Center "Kharkiv Institute of Physics and Technology"	\$410,000	\$410,000				\$410,000	\$ 410000	US: Canada: EU:
P461	UA	Kyiv	Enhancing National Capabilities and Expertise in Nuclear Forensics	Institute for Nuclear Research	\$321,012	\$321,012				\$321,012	\$ 321012	US: Canada: EU:
P465	UA	Kyiv	Study of Attribution Signatures of Various Uranium Bearing Materials	Institute for Nuclear Research	\$700,000	\$700,000				\$700,000	\$ 700000	US: Canada: EU:
P480	UA	Sevastopol	Operational Pan-European River Runoff (OPERR)	Marine Hydrophysical Institute	€ 19,800			€ 19,800			€ 19800	US: Canada: EU:
P482	UA	Dnipropetrovsk	Recycling of spent batteries from electric drive vehicles	National Metalurgical Academy of Ukraine	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P492	UA	Kyiv	Development of the epidemiological forecasting system for zoonotic diseases employing GIS technology	Central Sanitary-Epidemiologic Station	\$325,647	\$325,647				\$325,647	\$ 325647	US: Canada: EU:
P499	GE	Tbilisi	"Biosorbents against chemical contamination of soils" - creation of a new remediation technology	Durmishidze Institute of Biochemistry and Biotechnology	\$150,000	\$150,000				\$150,000	\$ 150000	US: Canada: EU:
P514	AZ	Baku	Studies of natural foci of plague and tularemia. Development of modern sanitation complex in Azerbaijan	Republican Anti-Plague Station	€ 170,000			€ 170,000			€ 170000	US: Canada: EU:
P515	UA	Kharkiv	Development of Fuel Rod and Fuel Assembly Design and Manufacturing Technology for the Sub-Critical Assembly, and Their Testing to Substantiate Their Reliability and Safety	National Science Center "Kharkiv Institute of Physics and Technology"	\$500,000	\$500,000				\$500,000	\$ 500000	US: Canada: EU:

1. Review Incomplete
2. Review Complete - No willingness to fund
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4. Same as 3

5. Approved for funding.  
See comments
6. Proj. Dev Grant awarded
7. N/A



# STCU Funding Table

## 34th Governing Board Meeting

### 22 June 2012

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P516	UA	Kyiv	Development of Parallel Algorithms and Programs for 2D and 3D Seismic Modeling, Synthetic Seismogram Visualization and Processing on the base of Tesseral Software Package	V.M. Glushkov Institute of Cybernetics	\$60,071		\$60,071			\$60,071	\$ 60071	US: Canada: EU:
P517	UA	Kyiv	Development of Theory and Programs for Attribute Analysis basing on Duplex Wave Migration for Obtaining more Detailed Model of Carbonate Oil and Gas Reservoirs	S.I. Subbotin Institute of Geophysics	\$60,008		\$60,008			\$60,008	\$ 60008	US: Canada: EU:
P524	UA	Kharkiv	Characterization of ionosphere waveguide propagation by monitoring HAARP HF transmissions in Antarctica	Institute of Radio Astronomy	\$70,000	\$70,000				\$70,000	\$ 70000	US: Canada: EU:
P526	UA	Sevastopol	SeeDataNet II - IBSS	O.O. Kovalevsky Institute of Biology of Southern Seas	€ 42,887			€ 42,887			€ 42887	US: Canada: EU:
P527	UA	Lviv	PDG project Co-infection TB/HIV in Ukraine	Lviv Research Institute of Epidemiology and Hygiene	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P528	UA	Odessa	Investigation of genome changes of HIV strains circulating in Ukraine for development of the national original anti-HIV/AIDS vaccine	Ukrainian I. I. Mechnikov Anti-Plague Research Institute	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P529	UA	Kyiv	The improvement of algorithm of diagnostics and medical treatment of patients with HIV/TB co-infection	Gromashevsky Institute of Epidemiology and Infectious Diseases	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P530	MD	Chisinau	Clinico-microbiological features, farmacogenetic aspects and treatment particularities of HIV-associated tuberculosis in the Republic of Moldova	Institute of Phthisiopneumology	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P531	GE	Tbilisi	Comparison of different diagnostic methods for identification of active tuberculosis among HIV infected patients	National Center for Disease Control of Georgia	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P533	UA	Dnipropetrovsk	Conceptual research on possibility of development of devices' structure with stable dimensions and low thrust propulsion system for spacecraft	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$42,000		\$42,000			\$42,000	\$ 42000	US: Canada: EU:
P534	UA	Kharkiv	Concept Design for the ARD Subsystem, Communications Subsystem and Telescope Optics for MDA's Hi-ROS system	Research Production Enterprise HARTRON-ARKOS Ltd	\$42,000		\$42,000			\$42,000	\$ 42000	US: Canada: EU:

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2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Same as 3

5. Approved for funding.  
See comments
6. Proj. Dev Grant awarded
7. N/A





# STCU Funding Table

## 34th Governing Board Meeting

#	Country Code	City	Full Title	Leading Institution	Requested Funds	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)	Comments Conditions
P536	UA	Kyiv	Synthesis of ionenes	Institute for Bioorganic Chemistry and Petrochemistry	\$12,000	\$12,000				\$12,000	\$ 12000	US: Canada: EU:
P542	UA	Kharkiv	High Quantum Efficiency Organic Dyes	State Scientific Institution "Institute for Single Crystals"	\$123,000	\$123,000				\$123,000	\$ 123000	US: Canada: EU:
P543	UA	Kharkiv	Special purpose detection units	Amcrys Ltd.	\$959,717	\$959,717				\$959,717	\$ 959717	US: Canada: EU:
P544	UA	Kharkiv	Development of prototype of output bremsstrahlung system for photonuclear production of isotopes	National Science Center "Kharkiv Institute of Physics and Technology"	\$25,000	\$25,000				\$25,000	\$ 25000	US: Canada: EU:
P557	UA	Kharkiv	Development of customized radiation detectors and engineering systems	Amcrys Ltd.	\$700,837	\$700,837				\$700,837	\$ 700837	US: Canada: EU:
<b>Subtotal Partner Projects Approved:</b>					<b>\$5,884,810</b> <b>€ 1,321,817</b>	<b>\$5,605,517</b>	<b>\$204,079</b>	<b>€ 1,321,817</b>	<b>\$75,214</b>	<b>\$5,884,810</b>	<b>\$ 5884810.19</b> <b>€ 1321816.67</b>	
<b>TOTAL:</b>					<b>\$16,567,499</b> <b>€ 2,240,561</b>	<b>\$5,808,969</b>	<b>\$204,079</b>	<b>€ 1,802,496</b>	<b>\$75,214</b>	<b>\$6,088,262</b>	<b>\$ 6088262.19</b> <b>€ 1802495.67</b>	

**Status 4 - Comments:**

P533: CA: is co-funded by the Government of Canada in the amount of \$40,000 USD as part of the Canadian Partner Promotion SB, with the remainder of the project financed by the partner.  
P534: CA: is co-funded by the Government of Canada in the amount of \$40,000 USD as part of the Canadian Partner Promotion SB, with the remainder of the project financed by the partner.

 Mr. P. Dolitt Acting USA Board Member	 Ms. B. Bohanon Acting Canadian Board Member	 Mr. M. Zgurovsky Acting Ukrainian Board Member	 Mr. S. Popa Acting EU Board Member
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2. Review Complete - No willingness to fund
3. Rewrite / resubmit - see comments
4. Same as 3

5. Approved for funding.  
See comments
6. Proj. Dev Grant awarded
7. N/A
8. Review complete - to be considered at next GBM