



STCU Funding Table

Governing Board Meeting

13 December 2011

Final

#	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
4002	UA	Kyiv	ENHANCEMENT OF THE EFFICIENCY OF THE USE OF NATURAL GAS IN INDUSTRIAL FURNACES	Institute of Engineering Thermophysics	\$192,620							US:2 Canada:2 EU:2
4011	GE	Tbilisi	Development of the novel methodology for thermodynamic and petrochemical estimation of	Georgian Technical University	\$147,000							US:2 Canada:2 EU:2
4100	GE	Tbilisi	Development of "Demonstration Prototype" of Decision Support for Ecological Safety of Surface	Georgian Technical University	\$240,000							US:2 Canada:2 EU:2
4416	GE	Tbilisi	New composite materials for absorption of ionizing radiation on the basis of some transition metals	Agladze Institute of Inorganic Chemistry and Electrochemistry	\$101,512							US:2 Canada:2 EU:2
4478	GE	Tbilisi	Molecular Identification of Helicobacter bilis from Human Gallbladder and Development of	A. Natishvili Institute of Morphology	\$249,625							US:2 Canada:2 EU:2
5192	GE	Tbilisi	Development of new ecologically pure technology by the use of nitrogen-fixing and urease bacteria	Institute of Physical and Organic Chemistry	\$270,000							US:2 Canada:2 EU:2
5275	UA	Kyiv	HYBRID HEAT-ELECTRIC SOLAR COLLECTOR ON THE BASIS OF HEAT PIPES	I.M. Frantsevich Institute of Problems of Materials Science	\$199,827	\$199,827				\$199,827	\$ 199827	US:5 Canada:2 EU:2
5277	MD	Chisinau	Priority Systems with Semi-Markov Switching and Queueing Networks with Semi-Markov Flows	Institute of Mathematics and Computer Science of the Academy of Sciences of Moldova	\$230,016							US:2 Canada:2 EU:2
5347	MD	Chisinau	Nanostructured compounds of lead chalcogenides for photovoltaic and thermoelectrical energy	Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies	\$49,984							US:2 Canada:2 EU:2
5417	AZ	Baku	Influence of ecological factors (heavy metals and radiation) on biodiversity	Institute of Zoology of National Academy of Sciences of Azerbaijan	\$287,112							US:2 Canada:2 EU:2
5422	UA	Kyiv	Antimicrobial polymeric compositions	Institute for Bioorganic Chemistry and Petrochemistry	\$140,564							US:2 Canada:2 EU:2
5423	GE	Tbilisi	Innovative Technology of Radiation-Resistant Multifunctional Materials Production	F. Tavadze Institute of Metallurgy and Material Sciences	\$204,311							US:2 Canada:2 EU:2
5425	AZ	Baku	Caspian and Black Seas' comparative self-clearing ability from oil spill and development of cleaning	Institute of Microbiology	\$208,886							US:2 Canada:2 EU:2

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See comments

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5429	UA	Lviv	Technologically-improved nanoscale network glasses for high-reliable telecommunication systems	Scientific Research Center "Carat"	\$97,016			€ 72,747			€ 72747	US:2 Canada:2 EU:5
5431	UA	Kyiv	The New Generation of Nanoconductors and Nanodielectrics Based on Diamondoids: Electronic and Optoelectronic Applications	National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$400,000							US:2 Canada:2 EU:2
5432	UA	Lugansk	Scientific basis and practical implementation of methods to improve energy efficiency of transmission friction	East-Ukrainian National University of the name of Volodimir Dal'	\$250,000							US:2 Canada:2 EU:2
5447	GE	Tbilisi	Development of Novel Technology of Removing and Utilizing Heavy Metals from Colonic Wastewaters	G. Tsulukidze Mining Institute	\$142,840							US:2 Canada:2 EU:2
5448	GE	Tbilisi	Development of Technology of Water Treatment Contaminated with Bacteria and Creation of Proper Environmental Design	Georgian Technical University	\$146,870							US:2 Canada:2 EU:2
5454	UA	Kyiv	Development of Iron-Base Powder Thermomagnetic Materials Designed for Electric Commutating Appliances of New	Frantsevich Institute for Problems of Materials Science National Academy of Sciences of Ukraine	\$163,175							US:2 Canada:2 EU:2
5468	AZ	Baku	THE IMPACT OF THE GABALA RADAR STATION ON THE ENVIRONMENT AND HUMAN HEALTH	Institute of Radiation Problems	\$253,470							US:2 Canada:2 EU:2
5492	UA	Kyiv	Energy-saving technology of solid-phase radiation-induced biotransformation of sea natural polymers to high-protein food	Institute of Macromolecular Chemistry	\$396,000							US:2 Canada:2 EU:2
5496	UA	Kharkiv	New technology controlled local hyperthermia for treatment of malignant bone tumors with use nanotechnology biomaterials	Institute of Urology and Nephrology	\$116,492							US:2 Canada:2 EU:2
5529	UA	Kharkiv	Millimeter wave dielectrometry of biological liquids of small volumes	The Usikov's Institute of Radio Physics and Electronics of the National Academy of Sciences of Ukraine (the IRE NASU)	\$149,985							US:2 Canada:2 EU:2
5531	UA	Kharkiv	Improving the Sensitivity and Reliability of Fluorescence Detection Using Novel Nano-Structures	State Scientific Institution "Institute for Single Crystals"	\$192,800							US:2 Canada:2 EU:2
5539	UA	Kyiv	Development of new superhard nanocomposites: Theoretical and experimental studies	I.M. Frantsevich Institute of Problems of Materials Science	\$113,368			€ 85,009			€ 85009	US:2 Canada:2 EU:5

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5543	UA	Kyiv	Si and SiC nanostructures as novel ion emitters for laser desorption/ionization of small biomolecules	Chuiko Institute of Surface Chemistry of the National Academy of Sciences of Ukraine	\$200,000							US:2 Canada:2 EU:2
5546	UA	Kharkiv	Influence of wide-band low intensity electromagnetic field on different classes of biological objects	O.Ya. Usikov Institute of Radiophysics and Electronics	\$220,000							US:2 Canada:2 EU:2
5547	MD	Chisinau	FIBER-BASED OPTICAL SENSORS FOR HIGH-RELIABLE TEMPERATURE CONTROL □ IN RADIATION-HAZARD ENVIRONMENT	Center of Optoelectronics of the Institute of Applied Physics	\$49,948							US:2 Canada:2 EU:2
5573	UA	Odessa	"Biorisk management training" at UAPRI Training Center with international participation	Ukrainian I. I. Mechnikov Anti-Plague Research Institute	\$75,000		\$75,000			\$75,000	\$ 75000	US:2 Canada:5 EU:2
5611	AZ	Baku	Development of thin film Solar Cells on the basis of materials with chalcopyrite structure	Institute of Physics	\$154,514			€ 115,862			€ 115862	US:2 Canada:2 EU:5
5647	UA	Kyiv	Collective phenomena and transport processes in toroidal fusion plasmas with superthermal ions	Institute for Nuclear Research	\$188,850							US:2 Canada:2 EU:2
Subtotal Regular Projects Approved:					\$5,831,785	\$199,827	\$75,000	€ 273,618	\$0	\$274,827	\$ 274827 €273618	
5367	MD	Chisinau	Combined usage of extremely high frequency radiation and laser in surgical treatment of oncologic diseases	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	\$50,000	\$12,500		€ 9,373		\$12,500	\$ 12500 € 9373	US:5 Canada:2 EU:5
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 semiconductors	Institute of Applied Physics	\$49,993							US:2 Canada:2 EU:2
5373	MD	Chisinau	Quantum electron transport in nanostructures for practical applications	Gitsu D.V. Institute of Electronic Engineering and Nanotechnologies	\$50,000			€ 18,746			€ 18746	US:2 Canada:2 EU:5
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

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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
5383	MD	Chisinau	Direct somatic embryogenesis as efficient way of virus elimination from seedless grapevines	Institute of Genetics and Plant Physiology	\$50,000			€ 18,746			€ 18746	US:2 Canada:2 EU:5
5384	MD	Chisinau	Models of high performance computations based on biological and quantum approaches	Institute of Mathematics and Computer Science	\$49,874							US:2 Canada:2 EU:2
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			€ 18731	US:2 Canada:2 EU:5
5386	MD	Chisinau	PEPC, RuBPC genes expression and chloroplast ultrastructure of C3, C4 plants in apparent photorespiration diseases	Institute of genetics and plant physiology of Academy of Sciences of Moldova	\$50,000			€ 18,746			€ 18746	US:2 Canada:2 EU:5
5391	MD	Chisinau	Improving vine performance under metal and pesticides contamination by use of trace elements and phytochemicals	Institute of genetics and plant physiology of Academy of Sciences of Moldova	\$49,035			€ 18,384			€ 18384	US:2 Canada:2 EU:5
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
5395	MD	Chisinau	Synthesis, antituberculous activity, physicochemical characterization of some thiourea derivatives derived from 2-(2-thioxoethyl)thiourea	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 QUANTUM SPIN OPTICS	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 Electric Power Systems	Institute of Power Engineering of the Academy of Sciences of Moldova	\$49,956							US:2 Canada:2 EU:2
5581	MD	Chisinau	"Elaboration and programming realization of unified algorithms for visualization of medical investigations in DICOM	Institute of Mathematics and Computer Science	\$45,449							US:2 Canada:2 EU:2
5585	AZ	Baku	Development of novel nanoporous silicon-based hydrogen fuel cells	Institute of Physics	\$100,068			€ 37,518			€ 37518	US:2 Canada:2 EU:5

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5588	AZ	Baku	Study of polluted by synthetic alpha-olefins and radionuclide drill-cuttings and development of	Institute of Microbiology	\$95,662	\$23,916		€ 17,933		\$23,916	\$ 23915.5 € 17933	US:5 Canada:2 EU:5
5589	AZ	Sumgait	Obtaining of the biological and surface active unsaturated substances by chemical and microbiological	Institute of Polymer Materials	\$94,014							US:2 Canada:2 EU:2
5590	AZ	Baku	Assessment of potential ecological risks of vegetables grown on Absheron soils, polluted by layer waters	Institute of Microbiology	\$95,410	\$23,853		€ 17,886		\$23,853	\$ 23852.5 € 17886	US:5 Canada:2 EU:5
5591	AZ	Baku	Development of method of obtaining Pb1-xMnxTe semimagnetic semiconductor nanolayers sensitive to	Institute of Physics	\$99,980							US:2 Canada:2 EU:2
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
5595	AZ	Baku	DEVELOPMENT OF CONTROLLED TECHNOLOGY OF SPECIAL SYNTHETIC IRON	Special Design Engineering Office on complex treatment of mineral raw materials	\$100,000	\$25,000		€ 18,746		\$25,000	\$ 25000 € 18746	US:5 Canada:2 EU:5
5596	AZ	Baku	Development of the novel fiber optic transmitter based on glass-like semiconductor systems	Institute of Physics	\$100,000	\$25,000		€ 18,746		\$25,000	\$ 25000 € 18746	US:5 Canada:2 EU:5
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 CuInSe2-FeSe -based thin film	Institute of Physics	\$100,000							US:2 Canada:2 EU:2
5599	AZ	Baku	Development and investigation of gamma-radiation detectors based on the APBUCV12 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 high energy p-p collisions	Institute of Physics	\$100,100							US:2 Canada:2 EU:2

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5601	AZ	Baku	Development of the technology for determination of coordinates of anomalous seismic processes	Cybernetics Institute of ANAS	\$97,664			€ 36,617			€ 36617	US:2 Canada:2 EU:5
5602	AZ	Baku	Multicomponent technology of research of reference features of productive collectors of Azerbaijan	Institute of Geology	\$99,999	\$25,000		€ 18,746		\$25,000	\$ 24999.75 € 18746	US:5 Canada:2 EU:5
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 TiO ₂ /TiO ₂ -TiO ₂ crystals	Institute of Radiation Problems	\$49,960							US:2 Canada:2 EU:2
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							US:1 Canada:2 EU:1
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:1 Canada:2 EU:1
5622	GE	Tbilisi	Monodromic quantum computation	Tbilisi I. Javakishvili State University	\$69,967							US:1 Canada:2 EU:1
5623	GE	Tbilisi	Biodiversity and heavy metal concentrations in soil invertebrates near polymetal tailing sites (Kazreti)	Iliia Chavchavadze State University	\$67,911							US:1 Canada:2 EU:1
5624	GE	Tbilisi	Correction of genome by nanopeptides and metal ions to prevent and hinder of hypertrophic cardiomyopathy	Tbilisi I. Javakishvili State University	\$67,936							US:1 Canada:2 EU:1
5625	GE	Tbilisi	DNA DIVERSITY OF GEORGIAN ENDEMIC WHEATS AND THEIR PREDECESSORS BY SNP AND CNV	NLE Agrarian University of Georgia	\$70,000							US:1 Canada:2 EU:1
5626	GE	Tbilisi	Study of emotional-motivational, neurovegetative correlates of extremely low frequency electromagnetic field exposure	Life Science Research Center	\$70,000							US:1 Canada:2 EU:1
5627	GE	Tbilisi	New composite materials on the basis of vegetative raw materials and ecologically pure coatings	Tbilisi I. Javakishvili State University	\$70,000							US:1 Canada:2 EU:1
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:1 Canada:2 EU:1

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5629	GE	Tbilisi	Development of the competitive and low-cost technologies of hydrolytic enzyme production, lignocellulose delignification and saccharification for the	Durmishidze Institute of Biochemistry and Biotechnology	\$69,750							US:1 Canada:2 EU:1
5630	GE	Tbilisi	Entomopathogenic fungi and Entomopathogenic nematodes as a biological agents for Integrate Pest	Agrarian University of Georgia, Vasil Gulisashvili Forest Institute	\$70,000							US:1 Canada:2 EU:1
5631	GE	Tbilisi	Development and Research n & p type Crystals and Nano-Size Structures of beta-Rhombohedral Perov	I. Vekua Sukhumi Institute of Physics and Technology	\$70,000							US:1 Canada:2 EU:1
5632	GE	Tbilisi	Analysis of the mechanisms of whole body hyperthermia-induced behavioral disorders (experimental study)	Life Science Research Center	\$69,963							US:1 Canada:2 EU:1
5633	GE	Tbilisi	ZnO Quantum Structures in Modern Electronics - From Thin Films to Nanowires	Tbilisi I. Javakishvili State University	\$69,999							US:1 Canada:2 EU:1
5634	GE	Tbilisi	Targeting of detoxification potential of microorganisms and plants for cleaning environment polluted by	Durmishidze Institute of Biochemistry and Biotechnology	\$70,000							US:1 Canada:2 EU:1
5635	GE	Tbilisi	Studying the accumulation and distribution of toxic elements by some Georgian food plants	E. Andronikashvili Institute of Physics	\$69,600							US:1 Canada:2 EU:1
5636	GE	Tbilisi	Concrete Protection from Destructive Effect of Surface-Active Substances by Their Impregnation with Thermotropic Materials	Union "Science and Energetics"	\$70,000							US:1 Canada:2 EU:1
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:1 Canada:2 EU:1
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:1 Canada:2 EU:1
5639	GE	Batumi	Study of spread area and pathotype structure of Synchronium endobioticum in Georgia	Shota Rustaveli State University	\$69,980							US:1 Canada:2 EU:1
5640	GE	Tbilisi	Hot Explosive Consolidated Novel Nanostructural Ag-W Compositions with Improved Electronic Properties	G. Tsulukidze Mining Institute	\$70,000							US:1 Canada:2 EU:1

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5641	GE	Tbilisi	Validation of New DTI Parameters as imaging biomarkers of Ischemic Stroke	Georgian Neuroforum	\$70,000							US:1 Canada:2 EU:1
5642	GE	Tbilisi	Creation of modeling software for molecular nanostructures development and some quantum	Tbilisi I. Javakhishvili State University	\$69,636							US:1 Canada:2 EU:1
5643	GE	Tbilisi	Elaboration of low temperature electroplating technology of metals with obtaining nanostructural	Ivane Javakhishvili Tbilisi State University, R.Agladze Institute of Inorganic Chemistry and Electrochemistry	\$70,000							US:1 Canada:2 EU:1
5644	GE	Tbilisi	Radon background in drinking and surface waters in areal of capital of Georgia - Tbilisi	Tbilisi I. Javakhishvili State University	\$70,000							US:1 Canada:2 EU:1
Subtotal Targeted R&D Init. Projects Approved:					\$4,213,701	\$135,268	\$0	€ 268,918	\$0	\$135,268	\$ 135267.75 €268918	
P003M	UA	Kyiv	Scientific Protocol of the Study of Leukemia and Other Hematologic Disorders Among Clean-up Workers of Ukraine Following the	Research Center for Radiation Medicine (RCRM)	\$197,538	\$197,538				\$197,538	\$ 197538	US: Canada: EU:
P215a	UA	Donetsk	FORMING AND JOINING OF CERAMIC DETAILS FOR USING IN FUEL CELLS WITH SOLID OXIDE ELECTROLYTE	O.O.Gakin Donetsk Institute of Physics and Engineering	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P269a	UA	Kharkiv	Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean (prolongation)	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	€ 20,000			€ 34,368			€ 34368	US: Canada: EU:
P322b	GE	Tbilisi	Regional evaluation of mining-related metals contamination, risks, and innovative remediation technologies in Ukraine and	F. Tavadze Institute of Metallurgy and Material Sciences	\$105,849	\$105,849				\$105,849	\$ 105849	US: Canada: EU:
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"	\$25,967				\$25,967	\$25,967	\$ 25967	US: Canada: EU:
P382a	UA	Kharkiv	IMMUNOSTIMULATION OF INNATE IMMUNITY AGAINST AVIAN INFLUENZA USING NATURAL PLANT	Institute of Experimental and Clinical Veterinary Medicine	\$200,000	\$200,000				\$200,000	\$ 200000	US: Canada: EU:

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P395a	UA	Odessa	Investigation of polymeric biofilms formed by dangerous pathogens, their formation preventing by	Ukrainian I. I. Mechnikov Anti-Plague Research Institute	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P396	UA	Kyiv	Microstrip Metal Detectors	Institute for Nuclear Research	\$26,052				\$26,052	\$26,052	\$ 26052	US: Canada:
P401	UA	Kyiv	Development of Ablative Biomass Pyrolysis to Produce Bio-oil (PNNL T2)	Institute of Engineering Thermophysics	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P437	UA	Kyiv	Production of ^{99m} Tc sodium pertechnetate eluate, extracted (centralized)	Institute for Nuclear Research	\$29,345				\$121,310	\$121,310	\$ 121310	US: Canada: EU:
P451	UA	Kharkiv	MANUFACTURE OF MAGNETIC DRIVES	National Science Center "Kharkiv Institute of Physics and Technology"	\$25,465				\$25,465	\$25,465	\$ 25465	US: Canada: EU:
P464	UA	Kyiv	Selecting Representative Samples of Uranium Ore and Ore-Concentrates from Ukraine Deposits and their integrated investigation	Institute for Environmental Geochemistry under NAS and the Ministry for Emergencies and Affairs of Population Protection from the Consequences of Chernobyl	\$150,000	\$150,000				\$150,000	\$ 150000	US: Canada: EU:
P467	GE	Tbilisi	Development of bulk monocrystals and SiGe based heteroepitaxial structures for new optoelectronic devices	National Science Center "Kharkiv Institute of Physics and Technology"	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P469	UA	Sevastopol	Radiation Alloying of Monocrystalline Silicon on the basis of Research Reactor IR-100	National University of Nuclear Energy and Industry	\$44,751				\$44,751	\$44,751	\$ 44751	US: Canada: EU:
P483	UA	Kharkiv	New materials for electric-drive vehicles	National Science Center "Kharkiv Institute of Physics and Technology"	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P485	UA	Kyiv	Risk of leukemia after protracted exposures to low doses of ionizing radiation	Research Center for Radiation Medicine	\$35,000	\$35,000				\$35,000	\$ 35000	US: Canada: EU:
P496	GE	Tbilisi	Bacteriophages-Based Approaches to Combat Biofilm-Forming Microbes	G. Eliava Institute of Bacteriophage, microbiology and virology	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P500	UA	Kyiv	Distributions, Concentrations and Health Effects of Emerging and Conventional Contaminants in the Riverine and Estuarine Surface	Institute of Hydrobiology	\$200,000	\$200,000				\$200,000	\$ 200000	US: Canada: EU:
P504	UA	Lviv	The development of the flux-gate magnetometer with extremely low power consumption	Lviv Center of Institute of Space Research	\$29,998	\$29,998				\$29,998	\$ 29998	US: Canada: EU:

5. Approved for funding.

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

See comments

6. Proj. Dev Grant awarded

7. N/A



STCU Funding Table

Governing Board Meeting

13 December 2011

Final

#	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
P507	UA	Kharkiv	Installation and commissioning of injector system for the second HIBP diagnostic on TJ-II stellarator	National Science Center "Kharkiv Institute of Physics and Technology"	€ 14,998			€ 14,998			€ 14998	US: Canada: EU:
P509	GE	Tbilisi	Isolation and characterization of probiotics that selectively grow on milk oligosaccharides	Durmishidze Institute of Biochemistry and Biotechnology	\$260,000	\$260,000				\$260,000	\$ 260000	US: Canada: EU:
P510	UA	Kyiv	Computer modeling of ceramic boride composites	I.M. Frantsevich Institute of Problems of Materials Science	\$131,700	\$131,700				\$131,700	\$ 131700	US: Canada: EU:
P511	UA	Kyiv	Novel Routes for Sintering of Ultra-high Temperature Ceramics and their	I.M. Frantsevich Institute of Problems of Materials Science	\$95,100	\$95,100				\$95,100	\$ 95100	US: Canada: EU:
P512	UA	Kyiv	Design of Single Crystals and Directionally Solidified Eutectic Composites through Crystal Chemistry Principles	I.M. Frantsevich Institute of Problems of Materials Science	\$105,000	\$105,000				\$105,000	\$ 105000	US: Canada: EU:
P513	UA	Kyiv	Novel approach to structure-sensitive properties tailoring of directionally-solidified eutectic ceramics	I.M. Frantsevich Institute of Problems of Materials Science	\$60,000	\$60,000				\$60,000	\$ 60000	US: Canada: EU:
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	V.M. Glushkov Institute of Cybernetics	\$132,741		\$132,741			\$132,741	\$ 132741	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	S.I. Subbotin Institute of Geophysics	\$146,664		\$146,664			\$146,664	\$ 146664	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 Governing Board Meeting 13 December 2011

Final

#	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
P519	UA	Kyiv	Study of Drag-Reduction Capabilities of Cavitation Applications for Motion in Water	Institute of Hydromechanics	\$300,000	\$300,000				\$300,000	\$ 300000	US: Canada: EU:
P532	UA	Kharkiv	Study of Drag-Reduction Capabilities of Cavitation Applications for Motion in Water	Amcrys Ltd.	\$573,195				\$573,195	\$573,195	\$ 573195	US: Canada: EU:
Subtotal Partner Projects Approved:					\$5,026,330 € 49,366	\$3,930,185	\$279,405	€ 49,366	\$816,740	\$5,026,330	\$ 5026330 € 49366	
TOTAL:					\$15,071,816 € 49,366	\$4,265,280	\$354,405	€ 591,902	\$816,740	\$5,436,425	\$ 5436424.75 € 591902	

Comments: P516 is co-funded by the Government of Canada in the amount of \$40,000 CAD (equivalent to \$39,693.57 USD) as part of the Canadian Partner Promotion SB, with the remainder of the project financed by the partner.
P517 is co-funded by the Government of Canada in the amount of \$40,000 CAD (equivalent to \$39,693.57 USD) as part of the Canadian Partner Promotion SB, with the remainder of the project financed by the partner.


 Mr. P. Dolliff*
 Acting USA
 Board Member


 Mr. A. Shore*
 Canadian
 Board Member


 Mr. B. Grinyov*
 Ukrainian
 Board Member


 Mr. A. Garcia-Fragio*
 Acting EU
 Board Member

* Commitment conditional upon availability of funds and granting of necessary government approvals.

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 Supplemental Budget 33rd Governing Board Meeting 13 December, 2011

#	Full Title	USA (US \$)	Canada (US \$)	European Union (EURO)	Other (US \$)	Total Funding (US \$)	Total Funding (US \$ + EURO)
Supplemental Budget:							
Activity:							
01	Technical, Collaborator, and Contractor Travel Support (Project Related)	-	-	€25,000	-	-	\$ - €25000
04	Business Training/Sustainability Support	\$25,000	-	€11,248	\$550,000	\$550,000	\$ 550000 €11248
05	Patent Support	-	-	€5,000	-	-	\$ - €5000
06	Travel and Mobility Support	-	-	€27,500	\$92,012	\$92,012	\$ 92012 €27500
08	Expert Review and Advisors	-	-	€50,000	-	-	\$ - €50000
09	Seminars/Workshops Support	\$60,000	-	€2,500	-	\$60,000	\$ 60000 €2500
10	Service Contracts	\$562,376	-	€375,000	\$205,612	\$767,988	\$ 767988 €375000
14	Biosecurity & Biosafety	-	-	-	-	-	\$ - €-
15	Partner Promotion & Support - CA	-	-	-	-	-	\$ - €-
16	Partner Promotion & Support - EU	-	-	€150,000	-	-	\$ - €150000
Total Supplemental Budget:		\$647,376	\$0	€646,248	\$847,624	\$1,470,000	\$ 1470000 €646248


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