



STCU Funding Table

30th Governing Board Meeting

27 May 2010

#	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
3617	UA	Lviv	Mobile surgical operating room	Collective scientific and industrial enterprise "Karpaty - Chernobyl"	\$118,068							US:2 Canada:2 EU:2
3979a	UA	Kyiv	Studies of electromagnetic radiation mechanism in Roentgen and submillimeter region from electric	O.Ya. Usikov Institute of Radiophysics and Electronics	\$60,362		\$60,362			\$60,362	\$ 60362	US:2 Canada:5 EU:2
4346	UA	Kyiv	WAVEGUIDE AND QUASIOPTICAL DEVICES FOR THz BAND ON THE BASE OF METAL-DIELECTRIC MULTILAYERED	Department for Special Training of Kyiv University at NASU	\$191,594							US:2 Canada:2 EU:2
4494	UA	Kyiv	V&V-procedure for the codes applied for neutron transport calculations onto surveillance specimens of VVER-1000	Institute for Nuclear Research	\$528,002							US:2 Canada:2 EU:2
4570	UA	Kyiv	New organic compounds and deposition technology of active elements for nanoelectronics and	Kyiv Taras Shevchenko University	\$155,000		\$77,500	€ 62,000		\$77,500	\$ 77500 € 62000	US:2 Canada:5 EU:5
4577	MD	Chisinau	TEMPERATURE-MEASURING OPTOELECTRONIC GLASS SYSTEMS FOR ENVIRONMENTALLY-HAZARD EXTREME APPLICATIONS (Code	Institute of Applied Physics	\$232,650							US:2 Canada:2 EU:2
4704	UA	Kyiv	Study and selection of joining processes of perspective structural materials for DEMO reactor	E.O. Paton Electric Welding Institute	\$457,950							US:2 Canada:2 EU:2
4727	UA	Kharkiv	Multifunctional Energy Saving Wind Hydrogen Plant for Application at Farms	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$279,528							US:2 Canada:2 EU:2
4728	UA	Kharkiv	MICROWAVE PLASMA HYDROGEN TECHNOLOGIES FOR NEUTRALISING ECOLOGICALLY-HAZARDOUS CARCINOGENIC AND	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$184,952			€ 147,962			€ 147962	US:2 Canada:2 EU:5
4739	UA	Kharkiv	Scientific Marketing and Promotion Activities for Energy Effectiveness	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$300,000							US:2 Canada:2 EU:2

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4757	GE	Tbilisi	Development of corrosion and wear resistant coatings based on the electric flag welding technology	Georgia-Ukraine E. Paton International Scientific-Technical Center of Welding and Related Technologies	\$117,926							US:2 Canada:2 EU:2
4764	UA	Kyiv	Development of the test-systems based on molecularly-imprinted polymers for aflatoxin	Institute of Macromolecular Chemistry	\$287,832							US:2 Canada:2 EU:2
4767	UA	Kharkiv	Microwave technique of complex permittivity measurement of biological liquids and solutions in small volumes	O.Ya. Usikov Institute of Radiophysics and Electronics	\$149,985							US:2 Canada:2 EU:2
4852	UA	Sumy	Experimental and theoretical studies of the breakdown mechanisms in the CLIC accelerating structures	Institute of Applied Physics	\$230,668							US:2 Canada:2 EU:2
4858	GE	Tbilisi	Zinc-aided correction of neurogenesis disorders of limbic system in fetal alcohol syndrome in rats	I. Beritashvili Institute of Physiology	\$185,394							US:2 Canada:2 EU:2
4864	GE	Tbilisi	Electrophysiological signs of synaptic processes in cortical neurons in response to painful stimulation and analgesia	IBIP	\$201,515							US:2 Canada:2 EU:2
4867	AZ	Baku	Study of structure and radioprotective properties of some natural compounds from wild flora of Azerbaijan	Institute of Radiation Problems	\$256,364							US:2 Canada:2 EU:2
4870	UA	Kharkiv	Development and investigation of semiconductor contactless microwave-biased radiation detectors	Kharkiv State Technical University of Radioelectronics	\$298,768							US:2 Canada:2 EU:2
4875	GE	Tbilisi	Monitoring of the settlement of dump and recultivated soils on manganese queries by invertebrate animals	Georgia LEPL Institute of Zoology	\$100,804			€ 80,659			€ 80659	US:2 Canada:2 EU:5
4897	GE	Tbilisi	Natural Hazards and Environmental Disasters in the Carpathian-Crimea-South Caucasus Region: Quantitative Assessment and	Mikheil Nodia Institute of Geophysics	\$534,696							US:2 Canada:2 EU:2
4937	GE	Tbilisi	Cheap Hydrogen Production Technology by Cavitation Electrolysis Method	M. Nodia Institute of Geophysics	\$98,992							US:2 Canada:2 EU:2
4944	UA	Kharkiv	Calcium-phosphate composites with nanostructure magnetic particles for local hyperthermia of bone	Institute of Urology and Nephrology	\$149,120							US:2 Canada:2 EU:2

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4947	UA	Lviv	Solid-state neutron detectors based on isotopically enriched lithium borate crystals	Institute of Physical Optics	\$155,342			€ 124,274			€ 124274	US:2 Canada:2 EU:5
4948	UA	Kyiv	Ceramic Matrix Composites for Metal Cutting, Metrological and Microwave Electronics Applications	V. N. Bakul Institute for Superhard Materials	\$95,819							US:2 Canada:2 EU:2
4976	UA	Lviv	Assessment of safety resource and monitoring of power equipment at the exploitation conditions	Karpenko Institute of Physics and Mechanics	\$160,000							US:2 Canada:2 EU:2
4981	UA	Kharkiv	High Performance Millimeter Wave Coherent Radar for Monitoring and Control of Surface Movement in Urban Areas	O.Ya. Usikov Institute of Radiophysics and Electronics	\$345,785							US:2 Canada:2 EU:2
4982	UA	Kyiv	Development of scientific basis of nonlinear and nonequilibrium geomechanics for modern construction	S.I. Subbotin Institute of Geophysics	\$199,420							US:2 Canada:2 EU:2
4985	UA	Cherkassy	The New Technology of Design of Piezoceramic Transducers	Cherkasy State Technological University	\$84,236							US:2 Canada:2 EU:2
4991	UA	Kyiv	Novel biocompatible interpenetrating polymer networks and nanocomposites for tissue regeneration applications	Institute of Macromolecular Chemistry	\$176,440							US:2 Canada:2 EU:2
5023	AZ	Baku	Gas sensors on base of porous nanostructures and metal oxides	Physical Environment Research Center "AZECOLAB COMPANY"	\$134,560							US:2 Canada:2 EU:2
5026	AZ	Baku	Development of methods of bioremediation for industrially polluted soils of Azerbaijan	Institute of Botany	\$229,222			€ 183,378			€ 183378	US:2 Canada:2 EU:5
5032	UA	Lviv	Monitoring of natural restoration of devastated territories of sulphur deposits in Subcarpathian region in Ukraine	Institute of Ecology of the Carpathians	\$150,000			€ 120,000			€ 120000	US:2 Canada:2 EU:5
5034	UA	Kharkiv	New fluorescent dyes for cell tracking in vitro and at transplantation	Institute for Problems of Cryobiology and Cryomedicine	\$175,044							US:2 Canada:2 EU:2
5037	UA	Kyiv	Development of titanium injection molding technique using hydrogenated titanium powder	G.V. Kurdyumov Institute for Metal Physics	\$160,000							US:2 Canada:2 EU:2
5040	GE	Тбилиси	Technology of manufacturing tungsten-containing nanocrystalline powders via utilization of armor-piercing projectiles	F. Tavadze Institute of Metallurgy and Material Sciences	\$215,680							US:2 Canada:2 EU:2
5066	UA	Kharkiv	Magnetophotonic crystals as electronically controllable high frequency elements	O.Ya. Usikov Institute of Radiophysics and Electronics	\$169,000							US:2 Canada:2 EU:2

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See comments

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5092	UA	Kyiv	Development of mixed nano-powders and high performance multifunctional ceramics on their basis for	I.M. Frantsevich Institute of Problems of Materials Science	\$199,000							US:2 Canada:2 EU:2
5093	UA	Kyiv	The excitonic generator of terahertz radiation	Institute of Magnetism under NAS and MES of Ukraine	\$100,100							US:2 Canada:2 EU:2
5105	AZ	Baku	Forecasting model for estimating changing coastal line of Caspian Sea, with use of space images	Research Institute of Aerospace Information	\$151,642							US:2 Canada:2 EU:2
5106	UA	Kharkiv	Comparison of cryopreserved mesenchymal stem cells from different tissues for cartilage and bone	Institute for Problems of Cryobiology and Cryomedicine	\$149,878							US:2 Canada:2 EU:2
5108	UA	Dnipropetrovsk	Experimental researches on development of mobile cost-effective generator, drawing hydrogen from water with	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$149,842							US:2 Canada:2 EU:2
5115	UA	Donetsk	Development of high pressure magneto-optical equipment and stimulation of the bistability spin states in	O.O.Gakin Donetsk Institute of Physics and Engineering	\$198,997							US:2 Canada:2 EU:2
5127	MD	Chisinau	The water radiolysis by carboxylate clusters of d- and f-metals as catalysts	Institute of Chemistry of ASM	\$199,000							US:2 Canada:2 EU:2
5128	AZ	Baku	Method for early diagnosis of stroke, stroke type identification and prognosis of its neurological outcome	Azerbaijan State Institute of advanced training for physicians	\$180,212			€ 144,170			€ 144170	US:2 Canada:2 EU:5
5129	GE	Tbilisi	Ecologically Friendly and Effective Wine Production Technology Based on Application of Nanostructural	Georgian Scientific Research Institute of Horticulture, Viticulture and Wine-growing	\$199,240							US:2 Canada:2 EU:2
5133	UA	Lviv	EFFICIENT NUMERICAL TOOLS AND PROGRAM PACKAGE FOR PARTICULATE AND FIBER-REINFORCED COMPOSITES UNDER DYNAMIC LOADING	Ya.S. Pidstryhach Institute for Applied Problems of Mechanics and Mathematics	\$101,848							US:2 Canada:2 EU:2
5136	UA	Dnipropetrovsk	COOLER FOR HIGH-TEMPERATURE HEAT-STRESSED OBJECTS CAPABLE TO REMOVE HEAT FLOWS OF UP TO	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$200,000							US:2 Canada:2 EU:2

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5137	UA	Kyiv	The Novel Biotechnology for Solid Waste Utilization, Purification of Toxic Leachate, and Methane Production	Institute of Microbiology and Virology of National Academy of Sciences of Ukraine	\$87,717							US:2 Canada:2 EU:2
5140	GE	Tbilisi	Consortium of CTCOs for Facilitating the Development of High-technology and Business in Georgia	Association for Innovations and Research Intensive Production	\$187,040							US:2 Canada:2 EU:2
5148	GE	Tbilisi	Development of a novel bacterial preparation for immunotherapy of cancer	Tbilisi State Medical University	\$246,724	\$246,724				\$246,724	\$ 246724	US:5 Canada:2 EU:2
5155	UA	Kyiv	Calcium hydroxyapatite and magnetic iron based nanopowders for prolonged therapeutic activity of drugs	I.M. Frantsevich Institute of Problems of Materials Science	\$191,594							US:2 Canada:2 EU:2
5169	UA	Kyiv	Room-temperature cathodic arc deposition of hard coatings on Al-based alloys	National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$152,089							US:2 Canada:2 EU:2
5171	GE	Tbilisi	Ligninolytic enzymes production scale up, application, and commercialization	Durmishidze Institute of Biochemistry and Biotechnology	\$173,732							US:2 Canada:2 EU:2
5172	GE	Tbilisi	Elaboration of Bacterial means for agricultural plant protection and creation of pilot complex	L. Kanchaveli Research Institute of Plant Protection	\$202,668							US:2 Canada:2 EU:2
5173	UA	Kyiv	Improvement of unit for laying of polyurethane coverage on main oil and gas	National Technical University of Ukraine "Kyiv Polytechnical Institute"	\$212,528							US:2 Canada:2 EU:2
5178	AZ	Baku	Development of technology for production of fuel from liquid hydrocarbons, organic waste and caustic biolibe	Physical Environment Research Center "AZECOLAB COMPANY"	\$270,272							US:2 Canada:2 EU:2
5198	UA	Kyiv	Functional characterization of novel prognostic breast cancer marker ITSN2	Institute of Molecular Biology and Genetics	\$149,747							US:2 Canada:2 EU:2
5213	UA	Kyiv	Ferromagnetic inductors of self-regulating hyperthermia based on heterosubstituted manganitis for treatment of	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology	\$99,000			€ 79,200			€ 79200	US:2 Canada:2 EU:5
5219	UA	Kyiv	Preparing full-scale smart biosensors production and methods development for plant state express-diagnostics in precision	V.M. Glushkov Institute of Cybernetics	\$90,000			€ 72,000			€ 72000	US:2 Canada:2 EU:5
5258	UA	Kyiv	Novel liquid-crystalline semiconductors for solution-processable organic electronics	Institute of Physics	\$126,680			€ 101,344			€ 101344	US:2 Canada:2 EU:5
Subtotal Regular Projects Approved:					\$11,590,268	\$246,724	\$137,862	€ 1,114,987	\$0	\$384,586	\$ 384586 €1114987	

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5044	GE	Tbilisi	2,4,6 - Trinitrotoluene (TNT) Degrading Local Bacteria Strains Isolation and Assessment of Their Activity	Petre Melikishvili Institute of Physical and Organic Chemistry	\$69,960							US:2 Canada:2 EU:2
5045	GE	Tbilisi	DNA Diversity in Grapevine (Vitis L.) as Revealed by SNP and CNV	Iliia Chavchavadze State University	\$70,000							US:2 Canada:2 EU:2
5046	GE	Tbilisi	Creation of the New Generation Learning-Methodological Complexes in Georgia	LEPL Archil Eliashvili Institute of Control Systems	\$57,990							US:2 Canada:2 EU:2
5047	GE	Batumi	Formation-use of database technologies of producing of agricultural output and control indices of land	Adjara Regional Scientific Center of National Science Academy of Georgia	\$52,000							US:2 Canada:2 EU:2
5048	GE	Tbilisi	Analysis of chloride ion-channel associated macromolecular complexes in genetic disorders	Iliia Chavchavadze State University	\$69,484	\$11,581	\$11,581	€ 9,265		\$23,162	\$ 23162 € 9265	US:5 Canada:5 EU:5
5049	GE	Tbilisi	Hydrogen production from water by thermochemical method with solar-power utilization	Agladze Institute of Inorganic Chemistry and Electrochemistry	\$69,998							US:2 Canada:2 EU:2
5051	GE	Tbilisi	Reducing Sprayed Chemicals Toxicity through Biological Control at vineyards in Georgia	L. Kanchaveli Research Institute of Plant Protection	\$70,000		\$35,000			\$35,000	\$ 35000	US:2 Canada:5 EU:2
5053	GE	Tbilisi	Guiding of Optical Pulses in Photonic Crystals	Tbilisi I. Javakishvili State University	\$69,904	\$11,651	\$11,651	€ 9,321		\$23,302	\$ 23302 € 9321	US:5 Canada:5 EU:5
5054	GE	Tbilisi	Development of the multiplex nanobiotechnology for control of the genetically modified organisms	Institute of Molecular Biology and Biological Physics	\$70,000		\$17,500	€ 14,000		\$17,500	\$ 17500 € 14000	US:2 Canada:5 EU:5
5055	GE	Tbilisi	Synthesis of Siliconorganic Polymerelectrolytes for Electrostorage Devices in Lithium Batteries	Tbilisi I. Javakishvili State University	\$70,000	\$17,500	\$17,500			\$35,000	\$ 35000	US:5 Canada:5 EU:2
5056	GE	Tbilisi	Development of effective germanium nitride based nanocatalysts for photoelectrochemical hydrogen production	Institute of Cybernetics	\$58,000							US:2 Canada:2 EU:2
5058	GE	Tbilisi	New Technological Schemes for Development of Deep Layers for Improvement of Coal-based Power	G. Tsulukidze Mining Institute	\$70,000							US:2 Canada:2 EU:2
5059	GE	Batumi, Mtsvane kontskhi, Botanical Garden	Developing and introduction of complex technology for reconstruction degraded and unproductive mountain wood	Batumi Botanical Garden	\$64,500							US:2 Canada:2 EU:2

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5061	GE	Tbilisi	New Medical Bactericidal Polymeric Composites for Preventing Surgical Infection	Institute of Medical Polymers and Materials, Iv. Javakishvili Tbilisi State University	\$70,000	\$17,500	\$17,500			\$35,000	\$ 35000	US:5 Canada:5 EU:2
5203	UA	Kharkiv	Conductivity of nanostructured nonchemically doped fullerite C60 in powder and thin-film form	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$72,819							US:2 Canada:2 EU:2
5204	UA	Kyiv	Low-energy-consuming, controlled synthesis of temporally stable nanopowders of Cu, Zn, Cd, Hg etc. oxides and chalcogenides with predetermined particle size	V.I. Vernadsky Institute of General and Inorganic Chemistry	\$99,752	\$16,625	\$16,625	€ 13,300		\$33,250	\$ 33250 € 13300	US:5 Canada:5 EU:5
5205	UA	Kharkiv	Development, study and application of inorganic nanoparticles dispersions in liquid crystals for optical	State Scientific Institution "Institute for Single Crystals", National Academy of Science of Ukraine	\$99,558	\$24,889	\$24,889			\$49,778	\$ 49778	US:5 Canada:5 EU:2
5206	UA	Kyiv	Mass transfer during sintering of powder bodies and development of technology for production of nanostructured materials	I.M. Frantsevich Institute of Problems of Materials Science	\$99,776							US:2 Canada:2 EU:2
5207	UA	Kyiv	NANOSTRUCTURED MULTILAYER ELECTRON-ION CONDUCTING SYSTEMS AS A BASIS OF ELECTROCHEMICAL ENERGY-GENERATING	V.I. Vernadsky Institute of General and Inorganic Chemistry	\$99,000							US:2 Canada:2 EU:2
5208	UA	Uzhgorod	Development of physico-chemical fundamentals and technologies for obtaining low-dimensional chalcogenide ferroelectrics	Institute of Electron Physics	\$97,000	\$24,250	\$24,250			\$48,500	\$ 48500	US:5 Canada:5 EU:2
5209	UA	Kyiv	Development of new equiatomic multicomponent cast structural alloys in the nanocrystalline state	I.M. Frantsevich Institute of Problems of Materials Science	\$100,000	\$16,667	\$16,667	€ 13,333		\$33,334	\$ 33334 € 13333	US:5 Canada:5 EU:5
5210	UA	Kyiv	Magnetic dynamics of magnetic nanoelements and their ensembles	Institute of Magnetism under NAS and MES of Ukraine	\$100,000	\$25,000	\$25,000			\$50,000	\$ 50000	US:5 Canada:5 EU:2
5211	UA	Kharkiv	Searching for and modeling of new nanosystems in condensed helium	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$100,000	\$16,667	\$16,667	€ 13,333		\$33,334	\$ 33334 € 13333	US:5 Canada:5 EU:5
5212	UA	Kharkiv	Development and investigation of new radiation-modified carbon nanotube materials for molecular	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$100,000			€ 40,000			€ 40000	US:2 Canada:2 EU:5

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5214	UA	Kyiv	Charged nanoparticles as regulators of excitability of nerve cells: a new approach for epilepsy treatment	O.O. Bohomolets Institute of Physiology	\$99,681	\$16,613	\$16,613	€ 13,291		\$33,226	\$ 33226 € 13291	US:5 Canada:5 EU:5
5215	UA	Kyiv	Search of effective protein phosphatases' inhibitors using nanochemical approaches and evaluation of their effectiveness	Institute of Food Biotechnology and Genomics	\$100,006			€ 40,002			€ 40002	US:2 Canada:2 EU:5
5217	UA	Lviv	New analytical methods for arginine assay in anticancer medicine based on recombinant arginase and essential amino acids	Institute of Cell Biology	\$42,000							US:2 Canada:2 EU:2
5218	UA	Kyiv	Rational search for inhibitors of aminoacyl-tRNA synthetases with selective action against causative agents of tuberculosis	Institute of Molecular Biology and Genetics	\$99,992			€ 39,997			€ 39997	US:2 Canada:2 EU:5
5220	UA	Kyiv	Information technologies for water-related infectious diseases forecasting and monitoring	Space Research Institute under NAS and National Space Agency	\$100,000							US:2 Canada:2 EU:2
5221	UA	Kyiv	Lipopolysaccharide Lipid A database for taxonomy of gram-negative bacteria and diagnosis of infectious diseases	D.K. Zabolotny Institute of microbiology and virology	\$99,989							US:2 Canada:2 EU:2
5222	UA	Kyiv	Energy saving technology of high purity silicon production	The Gas Institute of National Academy of Sciences of Ukraine	\$100,000	\$25,000	\$25,000			\$50,000	\$ 50000	US:5 Canada:5 EU:2
5223	UA	Kyiv	Creation of nanofluids for energetics on the basis of application of thermographenite and carbon nanotubes	Gas Institute	\$100,000							US:2 Canada:2 EU:2
5224	UA	Kyiv	Power Saving and Increase of Hydrogen Filling Stations Safety	Institute of Renewable Energy at NASU	\$97,904							US:2 Canada:2 EU:2
5225	UA	Kharkiv	Development of gas-turbine with thermochemistry compression of working fluid to utilize low potential heat sources	A.N. Podgorny Institute for Problems of Mechanical Engineering	\$100,000							US:2 Canada:2 EU:2
5226	UA	Kyiv	High-precision processing of spectrometric data from detector system under a complex geometry of measurements	Institute for Environmental Geochemistry under NAS and the Ministry for Emergencies and Affairs of Population Protection from the Consequences of Chornobyl	\$100,000							US:2 Canada:2 EU:2
5227	UA	Lviv	New models of elastic waves interaction with defects of layered materials for monitoring of delamination	Karpenko Physico-Mechanical Institute	\$70,000							US:2 Canada:2 EU:2

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5228	UA	Chernivtsy	Sensors of photoelectric and ionizing radiations based on layered semiconductors	Chernivtsi Department of I.M. Frantsevich Institute of Problems of Materials Science	\$80,000	\$13,333	\$13,333	€ 10,667		\$26,666	\$ 26666 € 10667	US:5 Canada:5 EU:5
5245	GE	Tbilisi	Development of new antifriction nanocomposite materials on basis of biological microsystems	Georgian Technical University	\$68,700							US:2 Canada:2 EU:2
5246	GE	Tbilisi	Examination of Areas Contaminated with Arsenic and Environmental Risks Assessment	A. Janelidze Geological Institute	\$66,000			€ 26,400			€ 26400	US:2 Canada:2 EU:5
5247	GE	Tbilisi	Study of Modified Complex of Papaya Proteases for the Development of Pharmaceutical Formulation	Kutateladze Institute of Pharmacochemistry	\$70,000	\$17,500		€ 14,000		\$17,500	\$ 17500 € 14000	US:5 Canada:2 EU:5
5249	GE	Tbilisi	Radon exhalation state in Tbilisi and an estimation of its radiological influence on the population	Tbilisi I. Javakhishvili State University	\$68,000	\$17,000		€ 13,600		\$17,000	\$ 17000 € 13600	US:5 Canada:2 EU:5
5250	GE	Tbilisi	Microbial synthesis of semiconductor CdS nanoparticles	Ilia Chavchavadze State University	\$70,000							US:2 Canada:2 EU:2
5251	GE	Tbilisi	Obtaining and Investigation Y123 Type Ceramic Compositions Having High Temperature Superconducting Characteristics with Stable	I. Vekua Sukhumi Institute of Physics and Technology	\$70,000	\$17,500	\$17,500			\$35,000	\$ 35000	US:5 Canada:5 EU:2
5252	GE	Batumi	Preventive drugs development-investigation from plant substance with imunomodulative activity for alimental toxicoinfections	Batumi State University of Shota Rustaveli	\$69,998							US:2 Canada:2 EU:2
5253	GE	Tbilisi	Production technology of ecologically friendly mycopenesticides for forest and ornamental plants protection	V. Gulisashvili Forest Institute	\$69,630	\$17,408		€ 13,926		\$17,408	\$ 17408 € 13926	US:5 Canada:2 EU:5
5254	GE	Tbilisi	Numerical modeling of geothermal deposits for creation of energy efficient system	Georgian Geothermal Association	\$53,856							US:2 Canada:2 EU:2
Subtotal Targeted R&D Init. Projects Approved:					\$3,695,497	\$306,684	\$307,276	€ 284,435	\$0	\$613,960	\$ 613960 €284435	
P003k	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)	\$12,355	\$12,355				\$12,355	\$ 12355	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

30th Governing Board Meeting

27 May 2010

#	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
P004k	UA	Kyiv	Study of thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl accident	Institute of Endocrinology and Metabolism	\$212,950	\$212,950				\$212,950	\$ 212950	US: Canada: EU:
P143c	UA	Kyiv	Cost-Effective Production of Powder Metallurgy Titanium Components for High-Volume Commercial Applications (PML-TC-04)	G.V. Kurdyumov Institute for Metal Physics	\$50,000	\$50,000				\$50,000	\$ 50000	US: Canada: EU:
P168a	UA	Kharkiv	Receiving of antigens and monoclonal antibodies with the purpose of using in ELISA test-systems for <i>Leishmania</i> diagnosis	Institute of Experimental and Clinical Veterinary Medicine	\$49,390	\$49,390				\$49,390	\$ 49390	US: Canada: EU:
P179a	UA	Kharkiv	Development of Meteorological Radars	Institute of Radio Astronomy	€ 4,273			€ 4,273			€ 4273	US: Canada: EU:
P207a	UA	Kyiv	Improvement of advanced high-resolution piezoelectric translation stages for optical and life science applications and manufacturing of pilot batch for marketing researches (Prolongation of the Project P207)	"Lileya" Small Scientific Production Enterprise	\$113,400	\$113,400				\$113,400	\$ 113400	US: Canada: EU:
P228a	UA	Kharkiv	Medical isotope photonuclear production experiments	National Science Center "Kharkov Institute of Physics and Technology"	\$41,200	\$41,200				\$41,200	\$ 41200	US: Canada: EU:
P236a	UA	Kyiv	Elaboration of a pulse microwave bridge for a Q-band Electron Spin-Echo Spectrometer	V.E. Lashkaryov Institute of Semiconductor Physics	€ 5,000			€ 5,000			€ 5000	US: Canada: EU:
P269a	UA	Kharkiv	Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean (subproject)	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	€ 20,000			€ 20,000			€ 20000	US: Canada: EU:
P292a	UA	Kyiv	Newly developed environmentally acceptable composites for protection of metals from corrosion	Institute of Surface Chemistry	\$93,975	\$93,975				\$93,975	\$ 93975	US: Canada: EU:
P307b	UA	Kharkiv	Polycrystalline scintillators for medical gamma cameras	Amcryst Ltd.	\$281,954	\$281,954				\$281,954	\$ 281954	US: Canada: EU:
P316	UA	Kyiv	Improved Biological and Chemical Delivery Vehicle for Optimum Use of Soil Microflora	D.K. Zabolotny Institute of microbiology and virology	\$49,000	\$49,000				\$49,000	\$ 49000	US: Canada: EU:

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See comments
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7. N/A



STCU Funding Table

30th Governing Board Meeting

27 May 2010

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P322a	UA	Kyiv	Regional evaluation of mining-related metals contamination, risks, and innovative remediation	O.V. Palladin Institute of Biochemistry	\$24,535	\$24,535				\$24,535	\$ 24535	US: Canada: EU:
P331	UA	Sevastopol	Strengthening the oceanographic data	O.O. Kovalevsky Institute of Biology of Southern Seas	€ 4,468			€ 4,468			€ 4468	US: Canada:
P334b	UA	Kharkiv	Creation of the Commercialisation Unit of	National Science Center "Kharkiv Institute of Physics	\$48,238				\$48,238	\$48,238	\$ 48238	US: Canada:
P371	UA	Dnipropetrovsk	Commercial Aircraft Protection	State Public Enterprise "M.K.Yangel Design Office "Pivdanne"	\$700,000	\$700,000				\$700,000	\$ 700000	US: Canada: EU:
P375	UA	Kyiv	Tribological interactions depending on nano-scale roughness	Kyiv Taras Shevchenko University	\$20,000	\$20,000				\$20,000	\$ 20000	US: Canada: EU:
P376	UA	Dnipropetrovsk	Drag reduction for Road Vehicles (BNL-T2-370-UA)	State Public Enterprise "M.K.Yangel Design Office "Pivdanne"	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P389	UA	Kharkiv	Passive radiometric scanner development for low distance people supervision	O.Ya. Usikov Institute of Radiophysics and Electronics	\$672,525				\$672,525	\$672,525	\$ 672525	US: Canada: EU:
P402	GE	Tbilisi	Countermeasures for the Control of African Swine fever In the Republic of Georgia	Laboratory of Ministry of Agriculture	\$300,000	\$300,000				\$300,000	\$ 300000	US: Canada: EU:
P408	UA	Odessa	Francisela tularensis survival in water	Ukrainian I. I. Mechnikov Anti-Plague Research Institute	\$225,000	\$225,000				\$225,000	\$ 225000	US: Canada: EU:
P410	UA	Kharkiv	R&D for the Quasi-stationary plasma accelerator (QSPA) for TechnoFusion Facilities	National Science Center "Kharkiv Institute of Physics and Technology"	€ 75,000			€ 75,000			€ 75000	US: Canada: EU:
P411	UA	Sevastopol	Options for Delivering Ecosystem-Based Marine Management	O.O. Kovalevsky Institute of Biology of Southern Seas	€ 115,410			€ 115,410			€ 115410	US: Canada: EU:
P414	UA	Kharkiv	Pulsed Plasma Treatment	National Science Center "Kharkiv Institute of Physics and Technology"	\$218,144				\$218,144	\$218,144	\$ 218144	US: Canada: EU:
P415	UA	Kyiv	Novel Enabling Technologies for Gene Isolation and Plant Transformation (LBNL T2 224 UA)	Institute of Cell Biology and Genetic Engineering	\$434,000	\$434,000				\$434,000	\$ 434000	US: Canada: EU:
P416	GE	Tbilisi	Development of technology for the production of high purity crystalline boron (LBNL T2 215 GE)	National High Technology Centre of Georgia	\$490,000	\$490,000				\$490,000	\$ 490000	US: Canada: EU:
P422	UA	Kyiv	Investigation of graded damping coatings produced by method of physical deposition from the vapor	E.O. Paton Electric Welding Institute International Center for Electron Beam Technologies (ICEBT)	\$100,000	\$100,000				\$100,000	\$ 100000	US: Canada: EU:
P423	UA	Dnipropetrovsk	Development of Glossary on Rocket-Space Technologies	State Public Enterprise "M.K.Yangel Design Office "Pivdanne"	\$99,998	\$99,998				\$99,998	\$ 99998	US: Canada: EU:

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See comments

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STCU Funding Table

30th Governing Board Meeting

27 May 2010

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P423a	UA	Dnipropetrovsk	Development of Glossary on Rocket-Space Technologies	State Public Enterprise "M.K.Yangel Design Office "Pivdenne"	\$74,997	\$74,997				\$74,997	\$ 74997	US: Canada: EU:
P426	UA	Kyiv	Improvement of new plant growth regulators (PGRs) with bioprotective effect	Interbranch Scientific Technological Center "Agrobiotech"	\$120,000	\$120,000				\$120,000	\$ 120000	US: Canada: EU:
P428	UA	Kyiv	Design the automatic shear DAC and investigations of materials at high pressure and shear strain	V. N. Bakul Institute for Superhard Materials	\$24,998	\$24,998				\$24,998	\$ 24998	US: Canada: EU:
P429	UA	Kharkiv	Relation of defects and hydrogen in thin film hydrogenated silicon	National Science Center "Kharkiv Institute of Physics and Technology"	€ 10,000			€ 10,000			€ 10000	US: Canada: EU:
P431	UA	Sevastopol	EMODNET - European Marine Observation and Data Network (Chemical lot)	Marine Hydrophysical Institute	€ 27,000			€ 27,000			€ 27000	US: Canada: EU:
P436	UA	Kyiv	Production of Radioisotopes for Medical Applications set up in Ukraine (mobile generator)	Institute for Nuclear Research	\$159,619				\$159,619	\$159,619	\$ 159619	US: Canada: EU:
P437	UA	Kyiv	Production of ^{99m} Tc sodium pertechnetate eluate, extracted (centralized generator)	Institute for Nuclear Research	\$162,560				\$162,560	\$162,560	\$ 162560	US: Canada: EU:
P439	UA	Kharkiv	Expansion of production of goods from precious metals	State science and production enterprise "Rubin" of NAS of Ukraine (R&D base of NSC KIPT)	\$132,249				\$132,249	\$132,249	\$ 132249	US: Canada: EU:

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

Status 4 - Comments:

Project 5214: Please add as collaborator Dr. Patrick Chauvel, hopital La Timone, Marseille (tel : +33.4.91.29.98.05, email : patrick.chauvel@univmed.fr)

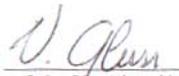
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See comments
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7. N/A



STCU Funding Table 30th Governing Board Meeting 27 May 2010

#	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
P442	UA	Sevastopol	People for Ecosystem Based Governance in Assessing Sustainable Development of Ocean and Coast (PEGASO)	Marine Hydrophysical Institute	€ 146 828			€ 146 828			€ 146828	US: Canada: EU:
P449	UA	Kharkiv	Creation of the certified measuring laboratory of nuclear spectrometry and radiation control	National Science Center "Kharkiv Institute of Physics and Technology"	\$65 172				\$65 172	\$65 172	\$ 65172	US: Canada: EU:
P451	UA	Kharkiv	MANUFACTURE OF MAGNETIC DRIVES	National Science Center "Kharkiv Institute of Physics and Technology"	\$135 625				\$135 625	\$135 625	\$ 135625	US: Canada: EU:
Subtotal Partner Projects Approved:					\$ 5,601,884 € 407,979	\$4 007 752	\$0	€ 407 979	\$1 594 132	\$5 601 884	\$ 5601884 € 407979	
TOTAL:					\$ 20,887,649 € 407,979	\$4 561 160	\$445 138	€ 1 807 401	\$1 594 132	\$6 600 430	\$ 6600430 € 1807401	


Mr. V. Alessi*
USA
Board Member


Ms. S. Hey*
Acting Canadian
Board Member


Mr. M. Zgurovsky*
Acting Ukrainian
Board Member


His Excellency P. Eklund*
Acting EU Board Member
(for the European Union)

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See comments
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