



STCU Funding Table

27th Governing Board Meeting

20 November 2008

#	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
3509	GE	Tbilisi	New Effective Antisublimation Coats of Inorganic Vitreous Enamel Type for GeTe- and PbTe-Doped Thermoelectric Alloys	I. Vekua Sukhumi Institute of Physics and Technology	\$159,666							US:2 Canada:2 EU:2
3712	UA	Lviv	The vacuum railway car for transportation Foodstuffs and the dangerous goods	Kooperative KL-89	\$149,699							US:2 Canada:2 EU:2
3767	GE	Tbilisi	Induction of systemic acquired resistance in conifers by saponin-bound 3-hydroxy-2-methylbutanoic acid	Tbilisi I. Javakishvili State University	\$167,135							US:2 Canada:2 EU:2
3817	UZ	Tashkent	Investigation into the properties of carbonic nanocomposite materials subjected to a reactor's neutron irradiation	Institute of Nuclear Physics	\$249,995							US:2 Canada:2 EU:2
3829(R)	AZ	Baku	Prevalence of HIV-associated opportunistic protozoan pathogens in patients, wild and domestic animals	Institute of Zoology, Azerbaijan National Academy of Sciences	\$210,690		\$210,690			\$210,690	\$ 210690	US:2 Canada:5 EU:2
3942	AZ	Baku	Population of the Gypsy Moth, Brown Tail and Lackey Moth outbreak in Azerbaijan	Institute of Zoology, Azerbaijan National Academy of Sciences	\$236,916							US:2 Canada:2 EU:2
3948	GE	Kutaisi	Development of New Effective Rubber Constructions Vibro-Absorption of Oscillations Using Air Damper	Akaki Tsereteli State University	\$115,000							US:2 Canada:2 EU:2
3991	GE	Tbilisi	Development of evaluation system of constructions' strength criteria based on fiber optical sensors	Georgian Technical University	\$148,500							US:2 Canada:2 EU:2
4013	GE	Tbilisi	Hardening Refractory Transitive Metals by Ion-Implantation	I. Vekua Sukhumi Institute of Physics and Technology	\$196,630							US:2 Canada:2 EU:2
4104	UA	Kharkiv	New conducting and magnetic materials based on low-dimensional organic polymers	V.N. Karazin Kharkiv National University	\$152,132							US:2 Canada:2 EU:2
4146	GE	Kutaisi	Reciprocating Internal Combustion Engine with Novel Converter of Reciprocating Motion into Rotational Motion of Shaft	Akaki Tsereteli State University	\$194,010							US:2 Canada:2 EU:2
4149	AZ	Baku	Creation of technology of preparation of fullerene-containing polyurethane coating	The Experimental-Industrial Plant of Y.H.Mamedaliyev Institute of Petrochemical Processes	\$280,000							US:2 Canada:2 EU:2
4153	UA	Kyiv	High-strength corrosion-resistant composite materials based on boron nitride and aluminum nitride	I.M. Frantsevich Institute of Problems of Materials Science	\$145,928							US:2 Canada:2 EU:2

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

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4195	GE	Tbilisi	Development of novel technologies for processing of industrial wastes with obtaining of copper and gold	F. Tavadze Institute of Metallurgy and Material Sciences	\$148,998							US:2 Canada:2 EU:2
4207	UA	Kyiv	Long-term prognosis of behaviour of the fuel dust in Chernobyl Shelter	Ukrainian Institute of Agricultural Radiology of NAU	\$300,000		\$300,000			\$300,000	\$ 300000	US:2 Canada:5 EU:2
4227	UA	Kyiv	Shock-wave synthesis of nanocrystalline powders of diamond and other superhard materials with ultra-precision production	I.M. Frantsevich Institute of Problems of Materials Science	\$138,918							US:2 Canada:2 EU:2
4249	GE	Tbilisi	"Biosorbents against chemical contamination of soils" - creation of a new remediation technology	Durmishidze Institute of Biochemistry and Biotechnology	\$170,000							US:2 Canada:2 EU:2
4259	UA	Kyiv	Ceramic Nanocomposites in the System Ti-Si-N-B Reinforced with Elongated Nanoparticles	I.M. Frantsevich Institute of Problems of Materials Science	\$189,255			€ 145,190			€ 145190	US:2 Canada:1 EU:5
4282	GE	Tbilisi	Development of effective ways to meet the energy crisis in high-mountainous regions of the Caucasus	F. Tavadze Institute of Metallurgy and Material Sciences	\$58,828							US:2 Canada:1 EU:2
4287	GE	Tbilisi	Development of Novel Industrial Technology of Production Nanoscale and Amorphous metal powders by Electrolytic Process	Georgian Technical University	\$149,893							US:2 Canada:2 EU:2
4294	GE	Tbilisi	Controlled-Release Fertilizers Based on Ion Exchange and Polymer	Institute of Physical and Organic Chemistry	\$197,408			€ 151,445			€ 151445	US:2 Canada:1 EU:5
4296	UA	Sevastopol	Study of the coastal marine and land ecosystems using multispectral space imagery	Marine Hydrophysical Institute	\$170,000							US:2 Canada:2 EU:2
4300	UA	Kyiv	UV-stable optically-transparent elastic polymer coatings for aerospace applications and protection of electronic devices	Institute of Macromolecular Chemistry	\$100,960							US:2 Canada:2 EU:2
4301	UA	Kharkiv	The development of laboratory technology for preparation the flexible solar cells on the CdTe base	National Technical University "Kharkiv Polytechnical Institute"	\$196,552			€ 150,788			€ 150788	US:2 Canada:2 EU:5
4348	UA	Kyiv	Wind turbine for stand-alone consumer	Institute of Renewable Energy at NASU	\$123,919							US:2 Canada:2 EU:2
4352	UA	Kyiv	Studies of regularities of self-organization in nonequilibrium geophysical media and elaboration of	Institute of Geophysics by S.I. Subbotin name	\$199,000							US:2 Canada:2 EU:2

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4353	UA	Kyiv	New molecular markers for typing, diagnostics and prognostics of epithelial and brain tumors	Institute of Molecular Biology and Genetics	\$150,032							US:2 Canada:2 EU:2
4390	GE	Tbilisi	Design of electromagnetically compatible antenna systems	Georgian Technical University	\$260,393							US:2 Canada:1 EU:2
4395	GE	Tbilisi	Development of novel environmentally friendly, nontoxic, high-efficiency fire-extinguishing powders	G. Tsulukidze Mining Institute	\$120,000							US:2 Canada:2 EU:2
4398	GE	Tbilisi	Development of Structural Ceramics Based on Boron Carbide for Friction Units Working under Extreme Conditions	F. Tavadze Institute of Metallurgy and Material Sciences	\$188,687			€ 144,754			€ 144754	US:2 Canada:1 EU:5
4402	UA	Kyiv	Deposition technology of Polyparaxylylene for OFET, OLED, medicine and delivery of installations to	V.E. Lashkaryov Institute of Semiconductor Physics	\$128,686							US:2 Canada:2 EU:2
4403	UA	Kharkiv	Creation of methods and experimental means for radiation material engineering at heavy ion linear accelerators	National Science Center "Kharkiv Institute of Physics and Technology"	\$180,000							US:2 Canada:2 EU:2
4419	UA	Kyiv	The study of the safety of fetal cell using in cell therapy	O.O. Bohomolets Institute of Physiology	\$158,691			€ 121,742			€ 121742	US:2 Canada:2 EU:5
4422	GE	Tbilisi	Development of autodetector of pathogenic bacteria based on spectral characteristics of infected	Georgian Technical University	\$264,000							US:2 Canada:1 EU:2
4423	GE	Tbilisi	Influence of contaminated by toxic metals environment on the health of children and teenagers	Georgian Technical University	\$167,331							US:2 Canada:2 EU:2
4426	GE	Tbilisi	Development of preventional measures of Mn toxicity based on modeling of alive organisms	National Center for Disease Control of Georgia	\$193,751							US:2 Canada:2 EU:2
4432	UA	Dnipropetrovsk	Elaboration of high activity catalysts for hydrocarbons conversion based on nanocrystal oxide systems including [ZrO2-	Ukrainian State Chemical and Technological University	\$143,704							US:2 Canada:2 EU:2
4445	UA	Kharkiv	Development and investigations of the systems based on complex oxides for application in	V.N. Karazin Kharkiv National University	\$263,216							US:2 Canada:2 EU:2
4452	UA	Chornobyl	Robot-technical complex for ChNPP on the base of robots of Ukraine and USA	Institute for safety problems of nuclear power plants	\$239,650							US:2 Canada:2 EU:2

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4453	UA	Kyiv	Diagnostic ELISA test-systems for avian influenza virus on the base of recombinant NS1 antigen	Institut of Animal Health of the National Agrarian University	\$110,518							US:2 Canada:2 EU:2
4459	GE	Tbilisi	Development of novel poly- and nanocrystal complex ferrite materials on the base of thermodynamic approach	Agladze Institute of Inorganic Chemistry and Electrochemistry	\$170,000							US:2 Canada:2 EU:2
4460	UA	Dnipropetrovsk	New Dynamics of Vertical and Horizontal Rotor	State Public Enterprise "M.K.Yangel Design Office "Pivdennye"	\$98,012			€ 75,191			€ 75191	US:2 Canada:2 EU:5
4465	UA	Kyiv	New proton conducting membranes for fuel cells	National University of "Kyiv-Mohyla Academy"	\$275,073							US:2 Canada:2 EU:2
4476	GE	Tbilisi	Novel bioactive substance "KAMA" for rapid treatment of different etiology skin and soft tissue wounds	Tbilisi State Medical University	\$270,000							US:2 Canada:2 EU:2
4484	UA	Lviv	Novel Test for Live Bovine Spongiform Encephalopathy (BSE) Diagnostics	Institute of Animal Biology UAAS	\$119,745							US:2 Canada:2 EU:2
4489	UA	Odessa	Development Of Solar Refrigerating And Conditioning Systems On The Basis Of An Open Absorption Cycle	Odessa State Academy of Refrigeration	\$145,000							US:2 Canada:2 EU:2
4501	UA	Kyiv	New Cr-and Ti-based bulk amorphous and nanocrystalline alloys	Frantsevich Institute for Problems of Materials Science National Academy of Sciences of Ukraine	\$121,315							US:2 Canada:1 EU:2
4508	AZ	Baku	Determination of Nonlinear Susceptibility of Matter	Baku State University	\$190,000							US:2 Canada:2 EU:2
4514	UA	Kharkiv	A method of ecological research of water containing toxic cyanobacteria by holographic interference	Institute for Scintillation Materials of the Institute for Single Crystals R&D Corporation	\$161,332							US:2 Canada:2 EU:2
4524	AZ	Baku	Development Of Film Varistors On The Basis Of Polymer And Zinc Oxide	Institute of Physics	\$49,997							US:2 Canada:2 EU:2
4539	UA	Dnipropetrovsk	Development Of Thin Film Hybrid System Based On Solid Lithium Battery And Solar Cell Module	Ukrainian State Chemical and Technological University	\$170,000							US:2 Canada:1 EU:2
4540	AZ	Baku	Characterisation of fatal and neonatal growth factors on the normal and hazard ecological field	AZECOLAB LTD	\$270,478							US:2 Canada:2 EU:2

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4573	UA	Lviv	Optical Methods Development for Structural Markers Detection in Biological Liquids of Patients suffering	Institute of Physical Optics	\$133,133							US:2 Canada:2 EU:2
4580	GE	Tbilisi	Clinical and Molecular Epidemiology of Acute Gastroenteritis Caused by Viruses in Georgia	National Center for Disease Control & Public Health	\$161,225							US:2 Canada:2 EU:2
4581	UA	Kharkiv	Development of high-purity vanadium alloys for fusion power applications	National Science Center "Kharkiv Institute of Physics and Technology"	\$147,508							US:2 Canada:2 EU:2
4586	UA	Kyiv	Development of complex of equipment for processing, storages and transportations of blood and her	Research Center for Radiation Medicine	\$180,216							US:2 Canada:2 EU:2
4587	UA	Kyiv	Investigation of the Sorption Properties of Natural Flints and Flint Water Aiming at Removing Radionuclides and Toxic Agents from	Institute of Colloid Chemistry and Water Chemistry of the National Academy of Sciences of Ukraine	\$87,524			€ 23,015			€ 23015	US:2 Canada:2 EU:5
4591	UA	Kyiv	Development of enzyme multisensor arrays for ecological monitoring of toxins	Institute of Molecular Biology and Genetics	\$232,962		\$116,481	€ 89,360		\$116,481	\$ 116481 € 89360	US:2 Canada:5 EU:5
4595	GE	Tbilisi	Novel Concentrated Solar Energy Collector for Hot Water Systems	Institute of Mining	\$27,512							US:2 Canada:1 EU:2
4596	GE	Tbilisi	Development of methods for hardening of sapphire used in medicine	Georgian Technical University	\$195,000			€ 149,597			€ 149597	US:2 Canada:1 EU:5
4598	UA	Kharkiv	Cryogenic Nanoclusters In Open And Confined Geometry	B.I. Verkin Institute for Low Temperature Physics and Engineering	\$57,338							US:2 Canada:2 EU:2
4599	UA	Kyiv	Radiation-chemical modification of concrete for durability improvement in constructions working in	Institute of Macromolecular Chemistry	\$230,000			€ 176,448			€ 176448	US:2 Canada:2 EU:5
4600	GE	Tbilisi	Tungsten-, titanium- and boron carbide-based nanocrystalline hardmetals	F. Tavazde Institute of Metallurgy and Material Sciences	\$187,332			€ 143,715			€ 143715	US:2 Canada:1 EU:5
4602	GE	Tbilisi	Benzimidazol and b-annealed Benzothiophen and/or Benzofuran-containing Systems with Antiviral Activity and for Struggle	Georgian Technical University	\$82,000							US:2 Canada:2 EU:2

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4603	UA	Lviv	Development of new means of agromanagement for the growth technology of ecologically clean viticulture.	Lviv Department of Physical-Chemistry of Institute for Physical-Organic Chemistry and Coal Chemistry, NAS Ukraine	\$169,997							US:2 Canada:2 EU:2
4610	MD	Chisinau	Advanced Light Emissive Device Structures	Institute of Applied Physics	\$249,904	\$249,904				\$249,904	\$ 249904	US:5 Canada:1 EU:2
4615	UA	Kyiv	Extra-low-frequency fluctuations of atmospheric pressure on evaluation and correction of	Institute of Applied Problems of Physics and Biophysics	\$181,240							US:2 Canada:1 EU:2
4622	AZ	Baku	Memory cells and gamma-detectors on basis of layered A3B3C62 compound intercalated by transition metal	Institute of Radiation Problems	\$245,868							US:2 Canada:2 EU:2
4625	UA	Kharkiv	Energy-Efficient Scale-up Microwave Chemical Reactor	Institute for Scintillation Materials of the Institute for Single Crystals R&D	\$198,945							US:2 Canada:2 EU:2
4627	UA	Kyiv	Printable thin crystalline films for advance optical application	Institute of Physics	\$103,790							US:2 Canada:2 EU:2
4654	GE	Tbilisi	Use of Deep Earth Crust Thermal Energy for Socio-economic Development of Georgia	Institute of Hydrogeology and Engineering Geology	\$49,243							US:2 Canada:2 EU:2
4656	GE	Tbilisi	The role of wakefulness in formation of need for sleep phases	Chavchavadze State University	\$50,000							US:2 Canada:2 EU:2
4657	GE	Tbilisi	Electrophysiological Approach to the Problem of Visual Recognition Memory	Research Center for Experimental Neurology	\$50,000							US:2 Canada:2 EU:2
4658	GE	Tbilisi	Application of nanotechnologies to prevent or hinder the progress of breast cancer	Tbilisi I. Javakishvili State University	\$49,997							US:2 Canada:2 EU:2
4659	GE	Kutaisi	Environmental complex monitoring system studying, informational database organization, guaranteeing the accessibility of contemporary	Kutaisi Technical University	\$50,000							US:2 Canada:2 EU:2
4661	GE	Tbilisi	Plants flavonoids: biochemical specificity and physiological effects	Tbilisi I. Javakishvili State University	\$50,000							US:2 Canada:2 EU:2
4662	GE	Tbilisi	Development of methods of intensification of the process of fermentation in biogas installations	Ilepl - Ferdinand Tavadze Institut Of Metallurgy And Materials Science	\$46,308							US:2 Canada:2 EU:2

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4663	GE	Tbilisi	Numerical modeling of Geothermal deposits for creation of energy efficient system	Seismic Monitoring Center	\$46,452							US:2 Canada:2 EU:2
4664	GE	Tbilisi	Characterization of Campylobacter Isolates from Animal Sources and Usage of Bacteriophages for Control of Infections	Georgian State Agriculture University	\$49,940							US:2 Canada:2 EU:2
4667	GE	Tbilisi	Investigation into influence of the Electromagnetic fields utilized in GSM communications on the environment	A. Eliashvili Institute of Control Systems	\$50,000							US:2 Canada:2 EU:2
4668	GE	Tbilisi	ILL-Conditioned Manganum Ores and Concentrate Condition Lead with Microbiological Ecologically Safe Method	F. Tavadze Institute of Metallurgy and Material Sciences	\$50,000							US:2 Canada:2 EU:2
4670	GE	Tbilisi	Synthesis and nanostructure investigation of Gallium new coordination compounds on the basis of biogenic	Georgian Technical University	\$49,924							US:2 Canada:2 EU:2
4671	GE	Tbilisi	Hydrogen production from water by thermochemical method with solar-power utilization	Agladze Institute of Inorganic Chemistry and Electrochemistry	\$50,000							US:2 Canada:2 EU:2
4672	GE	Tbilisi	Efficiency Improvement for Solar Electric Plant with New Optical Concentrators	Institute of Mining	\$49,900							US:2 Canada:2 EU:2
4673	GE	Tbilisi	Development of Technology for Obtaining Multicomponent Dragee Compositions by the Use of Nitrogen-Fluorine-Phosphorus	Institute of Physical and Organic Chemistry	\$50,000							US:2 Canada:2 EU:2
4682	UA	Kyiv	Hard nanolayered composite coatings. Substantiation of hardness enhancement	I.M. Frantsevich Institute of Problems of Materials Science	\$117,707			€ 90,301			€ 90301	US:2 Canada:2 EU:5
4690	UA	Dnipropetrovsk	Automated System for Effective Forecasting of Formation and Fallout of Acid-Rains in a Region(Pilot Project)	Institute of Problems on Nature Management and Ecology of National Academy of Sciences of Ukraine	\$95,559							US:2 Canada:2 EU:2
4699	UA	Kyiv	Interaction of nickel with lead-free tin-zinc solders and strength of nickel-solder	I.M. Frantsevich Institute of Problems of Materials Science	\$189,975							US:2 Canada:2 EU:2
4703	UA	Kharkiv	Development of the Beam Probe Diagnostics for Electric and Magnetic Fields Investigations in Fusion Plasmas	National Science Center "Kharkiv Institute of Physics and Technology"	\$268,925			€ 103,155			€ 103155	US:2 Canada:2 EU:5

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4709	UA	Kyiv	Products for medicine based on high-performance oxide ceramics	I.M. Frantsevich Institute of Problems of Materials Science	\$163,346							US:2 Canada:1 EU:2
4719	UA	Kyiv	Market investigation of new non-invasive imaging and analysis technology for early diagnosis of heart disease	V.M. Glushkov Institute of Cybernetics	\$169,888			€ 130,332			€ 130332	US:2 Canada:2 EU:5
4724	AZ	Baku	Phytoextraction of radionuclides and heavy metals in the industrial areas of Azerbaijan	Institute of Botany	\$277,414							US:2 Canada:2 EU:2
4735	UA	Lviv	Methods and instruments for high-frequency and quasi-stationary magnetic field measurements at fusion	"Lvivska Polytechnica" National University	\$294,000							US:2 Canada:2 EU:2
4765	GE	Tbilisi	Development of SHS-Technology for Production of Multifunctional, Including Nanostructured, Radiation-Resistant Materials	F. Tavazde Institute of Metallurgy and Material Sciences	\$198,451							US:2 Canada:1 EU:2
4915	UA	Kyiv	The Polypropylene Nano - Filled Microfibrous Materials For Filters	Institute of Surface Chemistry	\$99,000							US:2 Canada:2 EU:2
4916	UA	Kyiv	Surface plasma waves in quantum-size structures as a source of THz electromagnetic radiation	V.E. Lashkaryov Institute of Semiconductor Physics	\$100,000							US:2 Canada:2 EU:2
4917	UA	Kyiv	Gradient nanostructure formation in Ti-based alloys by deformation	V. N. Bakul Institute for Superhard Materials	\$99,632							US:2 Canada:2 EU:2
4920	UA	Sumy	Multipurpose composite materials based on hydrogel nanoreactors with incorporated nanocrystals of hydroxyapatite and noble	Institute of Applied Physics	\$100,000							US:2 Canada:2 EU:2
4922	UA	Lviv	Development of theoretic-experimental methods for resource prediction and operating monitoring of	Karpenko Institute of Physics and Mechanics	\$100,000							US:2 Canada:2 EU:2
4923	UA	Kyiv	Investigation of Biomass Fast Pyrolysis to Increase the Yield and Quality of Energy Chemical	Institute of Engineering Thermophysics	\$117,354							US:2 Canada:2 EU:2
4924	UA	Kharkiv	Technologies Of Emission Reduction By Industrial Plants	A.M. Pidhorny Institute of Mechanical Engineering Problems	\$99,416							US:2 Canada:2 EU:2
4925	UA	Kharkiv	Investigation of prospect for bulk amorphous and nanocrystalline alloys to be mixed materials for PEMFC	Institute of Plasma Physics of the National Science Center "Kharkiv Institute of Physics and Technology"	\$58,290							US:2 Canada:2 EU:2

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4926	UA	Kyiv	Modeling of transient heat conductivity processes, practical application of the seasonal accumulators of	Institute of Engineering Thermophysics	\$100,000							US:2 Canada:2 EU:2
4931	UA	Kyiv	Studying of molecular thrombin-inhibitor complexes by means of MALDI TOF mass spectrometry	Institute for Bioorganic Chemistry and Petrochemistry	\$100,008							US:2 Canada:2 EU:2
4933	UA	Kyiv	Low-toxicity platinum metal phosphonates as anticancer target drugs	R.E. Kavetsky Institute of Experimental Pathology, Oncology and Radiobiology	\$99,547							US:2 Canada:2 EU:2
4934	UA	Kyiv	Ecologically safe marker systems for transgenic plant selection based on mutant tubulin genes	Institute of Cell Biology and Genetic Engineering	\$100,000							US:2 Canada:2 EU:2
	Subtotal Regular Projects Approved:				\$15,721,413	\$249,904	\$627,171	€ 1,695,033	\$0	\$877,075	\$ 877075 € 1695033	
4795	AZ	Baku	Elaboration Of The Sensors For Super Small Deformations On The Basis Of Chain Crystals	Institute of Physics	\$99,606							US:2 Canada:2 EU:2
4796	AZ	Baku	Separation and studying of radioprotective extracts from some species of mushrooms and herbs of Azerbaijan	Institute of Microbiology	\$99,992							US:2 Canada:2 EU:2
4797	AZ	Baku	Molecular study of the fungi associated with bark beetles (Coleoptera: Scolytidae) (Willera, since its introduction)	Institute of Botany	\$99,953		\$24,988	€ 19,170		\$24,988	\$ 24988 € 19170	US:2 Canada:5 EU:5
4798	AZ	Baku	Biochemicals indicators of venom of Vipera lebetina obtusa (biotic and abiotic factors)	Institute of Zoology	\$92,224	\$46,112				\$46,112	\$ 46112	US:5 Canada:2 EU:2
4799	AZ	Baku	Phytoremediation of petroleum contaminated soils	Institute of Chemistry of Additives	\$99,942		\$24,986	€ 19,168		\$24,986	\$ 24986 € 19168	US:5 Canada:5 EU:5
4801	AZ	Baku	Composition GIS maps active faults and seismic hazards in Azerbaijan from GPS and seismological data	Institute of Geology of National Academy of Sciences of Azerbaijan Republic	\$99,940	\$49,970				\$49,970	\$ 49970	US:5 Canada:2 EU:2
4802	AZ	Baku	Development of a geofiltration computer model for the Absheron peninsula's geo-environmental security	Institute of Geology	\$99,600	\$49,800				\$49,800	\$ 49800	US:5 Canada:2 EU:2
4803	AZ	Baku	Developing and manufacturing of thin film composite nonlinear resistors based on	Institute of Physics	\$99,983	\$49,992				\$49,992	\$ 49992	US:2 Canada:2 EU:2

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4804	AZ	Baku	Development of terahertz generator on the basis of nanosuperstructures of layered AlIIIInCVI2	Institute of Radiation Problems	\$99,952		\$49,976			\$49,976	\$ 49976	US:5 Canada:5 EU:2
4805	AZ	Baku	Usage dense ciliates culture as fish larvae food and purification of sewage and natural waters	Institute of Zoology, Azerbaijan National Academy of Sciences	\$99,608							US:2 Canada:2 EU:2
4806	AZ	Baku	Development of effective methods for elimination of pseudo-crystallization process in exploitation oil-product basins	Institute of Geology	\$99,980							US:2 Canada:2 EU:2
	Subtotal Targeted R&D Init. Projects Approved:				\$1,090,780	\$195,874	\$99,950	€ 38,338	\$0	\$295,824	\$ 295824 € 38338	
P003J	UA	Kyiv	Scientific Protocol of the Study of Leukemia and Other Hematologic Disorders Among Clean-up Workers of Ukraine Following the Chernobyl Accident	Research Center for Radiation Medicine (RCRM)	\$281,021	\$281,021				\$281,021	\$ 281021	
P004I	UA	Kyiv	Scientific Protocol for the study of thyroid cancer and other thyroid disorders in Ukraine following the Chernobyl Accident	Institute of Endocrinology and Metabolism	\$31,936	\$31,936				\$31,936	\$ 31936	
P179	UA	Kharkiv	Development of Meteorological Radars	Institute of Radio Astronomy	€ 100,000			€ 100,000		\$0	0 € 100000	
P191a	UA	Kyiv	Energy migration and developing geological interpretation functionality based on full-wave modeling in Tesseract 2D software	Ukrainian State Geological Research Institute	\$65,201		\$65,201			\$65,201	\$ 65201	
P199b	UA	Kyiv	Synthesis of fluorinated nitrogen-containing heterocyclic compounds	Institute for Bioorganic Chemistry and Petrochemistry	\$20,000	\$20,000				\$20,000	\$ 20000	
P200c	UA	Kharkiv	Synthesis of novel heterocyclic and fluoroorganic compounds	Kharkiv Institute of Physics and Technology* National Scientific Center	\$60,000	\$60,000				\$60,000	\$ 60000	
P206a	UA	Kyiv	Development on the base of Tesseract software the 2D and 3D duplex wave migration theory, algorithms and a program for Linux platform	Ukrainian State Geological Research Institute	\$22,590		\$22,590			\$22,590	\$ 22590	

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



STCU Funding Table
27th Governing Board Meeting
20 November 2008

#	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
P206b	UA	Kyiv	Development on the base of Tesseral software the 2D and 3D duplex wave migration theory, algorithms and a program for Linux cluster	Ukrainian State Geological Research Institute	\$242,512		\$242,512			\$242,512	\$ 242512	
P268a	UA	Kyiv	Viroden Production for CSU subcontract to prime grant 316 from FNIH	Kyiv Taras Shevchenko University	\$5,000	\$5,000				\$5,000	\$ 5000	
P269	UA	Kharkiv	Experimental Evaluation of a Two-Phase Mechanically Pumped Loop Prototype as a Thermal Control Mean	(N.Ye. Zhukovskiy) National Aerospace University "Kharkiv Aviation Institute"	€ 6,300			€ 6,300		\$0	0 € 6300	
P275a	UA	Kharkiv	Development of scintillators on the basis of organic molecular polycrystals for detection and spectrometry of fast neutrons on the background of gamma-radiation	Cryos-Beta,LTD	\$104,055				\$104,055	\$104,055	\$ 104055	
P288b	UA	Kyiv	Autoantibodies to nicotinic receptors in Alzheimer disease	Institute of Gerontology	\$24,000				\$24,000	\$24,000	\$ 24000	
P278b	UA	Kharkiv	Stand for Quasioptical Researches SQR - 110/1	O.Ya. Usikov Institute of Radiophysics and Electronics (IRE NASU)	€ 31,500			€ 31,500		\$0	0 € 31500	
P300	UA	Kyiv	HIV dissemination monitoring and studies of the behavioral factors and biological characteristics of the viral infection among pregnant women and persons of reproductive age in Ukraine	Central Sanitary-Epidemiologic Station	\$249,930	\$249,930				\$249,930	\$ 249930	
P302	AZ	Baku	Protective effects of a novel serotonin-modulating anticonsolidation protein (SMAP) against infections	A.I.Karaev Institute of Physiology	\$207,790	\$207,790				\$207,790	\$ 207790	
P307a	UA	Kharkiv	Polycrystalline scintillators for medical gamma cameras	Amcrys Ltd. (Amcrys)	\$599,945	\$599,945				\$599,945	\$ 599945	
P327	UA	Kyiv	Twist extrusion of aluminium alloys	I.M. Frantsevich Institute of Problems of Materials Science	\$3,000	\$3,000				\$3,000	\$ 3000	

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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
27th Governing Board Meeting
20 November 2008

#	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
P334	UA	Kharkiv	Creation of the Commercialisation Unit of the Scientific & Technological Products of the NSC KIPT	Kharkiv Institute of Physics and Technology" National Scientific Center	\$53 188				\$53 188	\$53 188	\$ 53188	
P361	UA	Kharkiv	Establishment of the enterprise for production of materials based on polymer modified wood .Marketing research	Kharkiv Institute of Physics and Technology" National Scientific Center	\$6 021				\$6 021	\$6 021	\$ 6021	
P364	UA	Lviv	Evaluation of arthropod-borne infections in Ukraine	Lviv Research Institute of Epidemiology and Hygiene (LRIEH)	\$125 000	\$125 000						
P366	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	€ 155 000			€ 155 000		\$0	0 € 155000	
	Subtotal Partner Projects Approved:				\$ 2,101,189 € 292,800	\$1 583 622	\$330 303	€ 292 800	\$187 264	\$2 101 189	\$ 2101189 € 292800	
TOTAL:					\$ 18,913,382 € 292,800	\$2 029 400	\$1 057 424	€ 2 026 171	\$187 264	\$3 274 088	\$ 3274088 € 2026171	

Mr. V. Alessi
USA
Board Member

Ms. S. Hey
Canadian
Board Member

Mr. Y. Yatskiv
Ukrainian
Board Member

Mrs. A. Pauli
EU Board Member
(for the European Commission)
(subject to budget availability)

Mr. M. Roux
EU Board Member
(for the EU Presidency)

EU comments :

4460	Horizontal rotors and the civil applications indicated in the letter from Yuzhnoye should be included in the work plan.
4587	Funds provided for exploratory studies
4703	Co funded with NASU

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 27th Governing Board Meeting 20 November, 2008

#	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)	\$30 000	\$250 000	€30 000	-	\$280 000	\$ 280000 € 30000
04	Business Training/Sustainability Support	\$65 000	\$60 000	€46 030	-	\$125 000	\$ 125000 € 46030
05	Patent Support	\$30 000	\$30 000	€17 672	-	\$60 000	\$ 60000 € 17672
06	Travel and Mobility Support	\$10 000	\$250 000	€101 507	\$25 000	\$285 000	\$ 285000 € 101507
08	Expert Review and Advisors	-	-	€95 000	-	-	\$ - € 95000
09	Seminars/Workshops Support	\$13 060	\$13 000	€49 973	-	\$26 060	\$ 26060 € 49973
10	Service Contracts	\$920 000	\$280 000	€369 384	-	\$1 200 000	\$ 1200000 € 369384
12	Targeted Training	\$3 967	\$4 000	€3 069	-	\$7 967	\$ 7967 € 3069
13	Institute Sustainability	\$81 625	\$85 000	€65 209	-	\$166 625	\$ 166625 € 65209
14	Biosecurity & Biosafety	-	\$125 000	-	-	\$125 000	\$ 125000 € -
Total Supplemental Budget:		\$1 153 652	\$1 097 000	€777 844	\$25 000	\$2 275 652	\$ 2275652 €777844

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EU Board Member
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