

**Winner projects of fundamental research grant competition in 2016**

#	Project code	Proposal's title	Project's supervisor	Key personnel	Host institution	Research Fields
1	217386	<a href="#">Study of Deformed Feet and Amputated Lower Limbs and Correction by Developing Orthopedic Means</a>	Shalamberidze Merab	Levan Tsitskishvili Iuri Baratashvili; Zaza Samadashvili, Nino Lomtadze	Akaki Tsereteli State University (Kutaisi)	2
2	217764	<a href="#">Orient and Occident in Georgian Folktales: Oral and Literary Traditions</a>	Gogiashvili Fridon	Merab Jgenti, Tamar Turmanidze	Akaki Tsereteli State University (Kutaisi)	2
3	217796	<a href="#">Tao (Historical-Philological Research)</a>	Paghava Mamia	Irina Ioramashvili, Sopio Tsitsilashvili, Ketevan Mazmishvili	Batumi Shota Rustaveli State University	6
4	217886	<a href="#">Maradidi</a>	Chokharadze Malkhazi	Nika Bochorishvili; Mikheil Chikhradze; Guram Abashidze	Batumi Shota Rustaveli State University	6
5	217910	<a href="#">Monuments of Georgian Cultural Heritage Preserved in the Central Part of Historical Chaneti</a>	Mamulaze Shota	Teimuraz Kordzakhia; Nino Pirtskhalava; Marine Zautashvili; Maia Dzagania; Imeda Rubashvili	Batumi Shota Rustaveli State University	6
6	217076	<a href="#">Itch and Pain sensations: Role of Transient Receptor Potential Channels</a>	Tsagareli Merabi	Zaira Simonia; Tsitsino Kurtskhalia; Nana Sakvarelidze; Nikoloz Enukidze; Megi Choniashvili	I. Beritashvili Center of Experimental Biomedicine	1
7	217148	<a href="#">Study of antinociceptive tolerance to NSAIDs micro-injected into limbic brain areas: The role of endogenous opioid and cannabinoid systems</a>	Tsiklauri Nana	Ivliane Nozadze; Natia Tsagareli; Natia Pirkulashvili	I. Beritashvili Center of Experimental Biomedicine	1
8	217342	<a href="#">Detection of extracellular ubiquitin level fluctuations in serum of cancerous patients</a>	Sujashvili Rusudani	Maia Nozadze; Giorgi Margvelani; Lia Tsverava; Gocha Golubiani	I. Beritashvili Center of Experimental Biomedicine	3
9	217362	<a href="#">Research on Professional Orientation in Georgia</a>	Kvirkvaia Murtazi	Vasil Kekutadzd; Davit Sikharulidze; Vakhtang Charaia; Shota Shaburishvili	Grigol Robakidze University	7

10	217874	<a href="#">The role of XhIA domain containing protein in the development of lysogenic conversion</a>	Rigvava Sophio	Tsisana Zurabishvili; Lali Devadze;Sopo Sepashvili;Nino Ponjavidze	G. Eliava institute of Bacteriophages, Microbiology and Virology	1
11	217560	<a href="#">Synthesis and pharmacological research of potential bioactive nitrogen-containing 5a-steroids</a>	Nadaraia Nanuli	Mirian Tabidze;Andro Kacharava;Irakli Keshelashvili;Nodar Lomidze; Giorgi Macharashvili; Mikheil Nioradze; Dito Shergelashvili	Tbilisi State Medical University - I. Kutateladze Institute of Pharmacochimistry	1
12	217850	<a href="#">Endangered Languages and Vital Meaning of Their Documentation (according to Tsovatush Language)</a>	Bertlani Arseni	Nana Bitsadze;Tsothe Samadashvili; Elene Motiashvili; Mariam Tkebuchava	Telavi Iakob Gogebashvili State University	6
13	217906	<a href="#">Academic Edition of the 19th -20th cc. Georgian Writers' Epistolary Legacy (Volumes VIII-IX)</a>	Gigashvili Ketevani	Jumber Chigovadze; Gocha Lekveishvili;Davit Kbilashvili; Vaja Dograshvili	Telavi Iakob Gogebashvili State University	6
14	217408	<a href="#">Main models of information structures in Georgian dialects: Gurian, Rachian, Xevsurian, Kiziqian</a>	Asatiani Rusudani	Elene Napireli; Nikoloz Nakhutsrishvili; Diana Anfimiadi;Maia Barikhashvili	Nodia Institute of Geophysics,Tbilisi Ivane Javakhishvili State University	1
15	217942	<a href="#">Adsorption method of purification of wastewaters from antibiotics using natural zeolites</a>	Eprikashvili Luba	Vasili Kukhianidze;Tamari Gachechiladze;Zurabi Vashalomidze; Eka Gurgenashvili	Tbilisi State Medical University - I. Kutateladze Institute of Pharmacochimistry	1
16	216682	<a href="#">Fundamental Human Rights and Freedoms – Georgian Legislation and Court Practice</a>	Gonashvili Vasili	Merabi Feiqrishvili;Rusudani Koplataidze;Giorgi Kufunia	Tbilisi Ivane Javakhishvili State University	1
17	217138	<a href="#">Operators of Fourier analysis in some classical and new function spaces</a>	Kopaliani Tengizi	Ushangi Goginava;Amiran Gogatishvili;Giorgi Oniani;Lasha Baramidze	Tbilisi Ivane Javakhishvili State University	1
18	217232	<a href="#">The Category of Evidentiality in the Kartvelian Languages</a>	Margiani Ketevani	Magda Lazishvili; Giorgi Narmania;Mariam Tkeshelashvili	Tbilisi Ivane Javakhishvili State University	1
19	217282	<a href="#">New Machine-Perfusion Organ Preservation “in situ” (experimental study)</a>	Khodeli Nodari	Zurab Chkhaidze; Dimitri Kordzaia;Jumber Partskhashvili	Tbilisi Ivane Javakhishvili State University	1
20	217300	<a href="#">Extraction and analysis of natural food colorants from agroindustrial waste materials</a>	Rubashvili Imeda	Tinatini Bukia; Vladimer Tsitsishvili;Nino Kokiashvili	Tbilisi Ivane Javakhishvili State University	1

21	217382	<a href="#">Interactive geological map of Georgia, scale 1:200000</a>	Sadradze Nino	Ketevan Ebralidze;Mzia Tsitsagi;Mariam Chkhaidze;Nino Burkiashvili	Tbilisi Ivane Javakhishvili State University	1
22	217394	<a href="#">Svanetian Toponyms (a fundmanetal-applicable study together with a vocabulary)</a>	Chkadua Roena	Lela Giglemiani;Medea Saghlani;Nato Shavreshiani;Elizaveta Gazdeliani	Tbilisi Ivane Javakhishvili State University	1
23	217430	<a href="#">Georgian Language Island in a Trans-Ethnic Area (GLITEA) Fereydanian Dialect in the IR of Iran</a>	Bakuradze Liana	Nana Gratiashvili;Tea Arabuli; Vera Pkhakadze	Tbilisi Ivane Javakhishvili State University	1
24	217438	<a href="#">Orient and Occident in Georgian Folktales: Oral and Literary Traditions</a>	Gogiashvili Elene	Levan Darbaidze	Tbilisi Ivane Javakhishvili State University	1
25	217488	<a href="#">Aspects of Georgian-English language contact</a>	Amiridze Nino	Rusuan Nadiradze; Nino Kobakhidze	Tbilisi Ivane Javakhishvili State University	1
26	217500	<a href="#">Migration, labor supply and school attainment: evidence from Georgia</a>	Berulava Giorgi	Khatuna Chikviladze;Ekaterina Shubladze; Gulchina Kuchava	Tbilisi Ivane Javakhishvili State University	1
27	217556	<a href="#">Construction and investigation of hierarchical models for thermoelastic piezoelectric structures</a>	Jaiani George	Gia Avalishvili,Mariam Avalishvili;Natalia Chinchaladze; Miranda Gabelaia	Tbilisi Ivane Javakhishvili State University	1
28	217596	<a href="#">On homotopy invariants related to cobordisms, K-theory and loop space cohomology</a>	Bakuradze Malkhazi	Ketevan Gigashvili;Makvala Mikeladze; Natia Gabashvili	Tbilisi Ivane Javakhishvili State University	2
29	217614	<a href="#">200 Documents about Georgia (XVI-XVIII th), Stored in Mühimme Books</a>	Shengelia Nodar	Nino Tumanovi;Tea Godoladze; Davit Mikava	Tbilisi Ivane Javakhishvili State University	3
30	217624	<a href="#">Radioactivity of soil and rocks in Tbilisi city region and population exposure</a>	Tulashvili Eremia	Teimuraz Jakhutashvili; Bejan Tutberidze	Tbilisi Ivane Javakhishvili State University	3
31	217628	<a href="#">Study on enantioseparation mechanisms in capillary electrophoresis</a>	Chankvetadze Bejan	Elene Tatunashvili;Ana Gogolashvili;Lali Chankvetadze	Tbilisi Ivane Javakhishvili State University	5
32	217642	<a href="#">Megrelian-Laz Intonation</a>	Shengelia Eteri	Maia Advadze;Tamar Makharoblidze;Tamari Ghambashidze	Tbilisi Ivane Javakhishvili State University	5
33	217728	<a href="#">Quantum-chemical description of amino acids propensity for peptide bond formation</a>	Kereselidze Jumberi	Giorgi Mikuchadze;Lia Bobokhidze	Tbilisi Ivane Javakhishvili State University	6
34	217732	<a href="#">Investigation of dynamics of earthquake's temporal distribution</a>	Macharashvili Teimuraz	Emzar Kakhidze; Tamaz Futkaradze;Amiran Kakhidze; Merab Khalvashi;Kakha Kamadadze;Sulkhan Mamuladze	Tbilisi Ivane Javakhishvili State University	6

35	217838	<a href="#">Place of Kodorian speech in Svan system (interdisciplinary studies with Svan-German dictionaries)</a>	Chantladze Izolda	Zaza Shashikadze;Giorgi Kakhniashili	Tbilisi Ivane Javakhishvili State University	6
36	217848	<a href="#">A first-ever measurement of the Electric Dipole Moment (EDM) of the deuteron at COSY</a>	Mchedlishvili Daviti	Guram Dgebuadze; Bejan Bendeliani;Levan Gugulashvili;Tea Lobdzanidze; Magda Metskhvarishvili	Tbilisi Ivane Javakhishvili State University	6
37	217854	<a href="#">The new approaches in syntheses of geraniol, nerol and citral</a>	Ramishvili Tsiuri	Marina Kunchulia; Nino Lomidze;Tamar Tatishvili	Tbilisi Ivane Javakhishvili State University	6
38	217868	<a href="#">Art, Contemporary, Culture, Integration, History</a>	Chikhradze Mzia	Ketevan Margiani; Rusudan Ioseliani; Natia Poniava	Tbilisi Ivane Javakhishvili State University	6
39	217890	<a href="#">Structure, time and magnitude of deformation of the eastern Achara-Trialeti fold and thrust belt</a>	Alania Victor	Rusudan Asatiani; Nino Kobakhidze	Tbilisi Ivane Javakhishvili State University	6
40	217996	<a href="#">New Derivatives of Adamantane Benimidazoles and Imidazo[4,5-e]benzoxazoles: Synthesis and Study.</a>	Zurabishvili Davit	Sopiko Margvelashvili; Tamazi Butkhuzi	Tbilisi Ivane Javakhishvili State University	6
41	218000	<a href="#">Category of Modality in the Georgian Language</a>	Sharashenidze Nino	Malvina Tatvidze;Zaza Sokhadze;Giorgi Gabunia;Ekaterine Meladze	Tbilisi Ivane Javakhishvili State University	7
42	218018	<a href="#">The influence of metal ions on Cr(VI) reduction process ongoing in bacteria such as Arthrobacter sp</a>	Rcheulishvili Olia	Ia Kusradze; Natia Karumidze;Teona Dvalidze; Salome Barbakadze;Darejan Bolkvadze; Malkhaz Katsitadze	Tbilisi Ivane Javakhishvili State University	7
43	218024	<a href="#">Assessment of natural anti-hCG antibodies in patients with gynaecological tumours</a>	Porakishvili Nino	Besarion Aftsiauri; Giorgi Vachnadze;	Tbilisi Ivane Javakhishvili State University	7
44	216702	<a href="#">The Georgian Sign language Verbal Morphology</a>	Makharoblidze Tamari	Ramazi Kurdadze;Maia Lomaia;Maia Maduashvili	Ilia State University	1
45	217086	<a href="#">Biodiversity of Freshwater Molluscs of Georgia</a>	Mumladze Levani	Gulnazi Ghurtskaia;Nana Tsiklauri;Ivliane Nozadze; Natia Pirkulashvili	Ilia State University	1
46	217146	<a href="#">Rieger type periodicity in solar activity and seismology of solar inner layers</a>	Zaqarashvili Teimurazi	Marina Trapaidze;Medea Lomidze; Ivane Gogolashvili;Tinatin Bukia,Mariam Soselia	Ilia State University	1
47	217188	<a href="#">The Solar Coronal Holes and their connection to Solar Low Atmospheric Magnetic Structures</a>	Oghrapishvili Natela	Nana Barbakadze;Meri Kakhabrishvili	Ilia State University	1

48	217222	<a href="#">Biodiversity of the invertebrates in the karst caves of Zemo Imereti Plateau</a>	Barjadze Shalva	Natia Ghvinjilia; Irma Dikhaminjia	Ilia State University	1
49	217344	<a href="#">Semantic Components of Motion in Megrelian and Laz</a>	Kobalava Izabella	Nino Chikadze;Maia Janelidze;Tamar Tsertsvadze;Mariam Tevzadze; Maia Adeishvili	Ilia State University	1
50	217478	<a href="#">Secondary contacts: to what extent reinforcement and niche shift accelerate speciation in lizards?</a>	Tarkhnishvili Daviti	Marine Murtskhvaladze;Giorgi Chaladze;Mariam Gabelaia	Ilia State University	1
51	217554	<a href="#">Variability of Blazars on Intermediate Time-Scale</a>	Chanishvili Revazi	Mariam Nikolashvili;Lorand Sigua; Givi Kimeridze	Ilia State University	1
52	217592	<a href="#">Molecular Mechanisms of Memory in Chick Imprinting</a>	Solomonias Revazi	Koba Khmaladze;Shota Adamia;Gela Talakhadze; Zurab Chaia	Ilia State University	1
53	217604	<a href="#">Study of seismic coda attenuation and the local magnitude in Georgia</a>	Shengelia Ia	Natia Foniava	Ilia State University	1
54	217878	<a href="#">Recommendations for Effective Corporate Governance System in State Shareholding Enterprises</a>	Maisuradze Daviti	Niko Chakhvashvili;Natia Tabatadze	Ilia State University	5
55	217950	<a href="#">Monitoring FERMI/LAT Blazars with Dedicated Optical Telescopes</a>	Sigua Lorandi	Levan Lomidze;Nunu Metreveli;Manana Gurielidze;Lia Tsverava;Eter Ghelaghutashvili	Ilia State University	7
56	218070	<a href="#">The Next Possible Outburst of P Cygni</a>	Kochiashvili Nino	Rusudan Gersamia;Giorgi Tsotsanidze;Nino Tsulaia	Ilia State University	7
57	217512	<a href="#">Bolshevism and Georgian literature from World War II to the 20th Congress of the CPSU (1941-56)</a>	Elbakidze Maka	Maia Chichinadze;Inga Martkoplshvili	Georgian Comparative Literature Association	7
58	217722	<a href="#">French People in Georgia and Reflections of French Literature in 17th-20th Century Georgian Culture</a>	Turnava Rusudani	Nino Gagoshashvili;Miranda Tkeshelashvili;Tatia Oboladze	Georgian Comparative Literature Association	7
59	217804	<a href="#">Natural Disasters in the S Caucasus. Earthquakes &amp; attending Natural Phenomena in Historical Sources</a>	Kldiashvili Darejani	Mikheil Elashvili;Maia Diasamidze;Giorgi Kirkitadze Manuchar Guntsadze	Korneli Kekelidze National Centre of Manuscripts	7
60	217690	<a href="#">Investigation of Physical and Mechanical Properties of Concrete in Terms of the Adsorption Theory</a>	Lortkipanidze Merab	Bela Japoshvili;Ani Bikashvili	Science and Power Engineering	2

61	217704	<a href="#">Patterns of religiosity and modernization in Georgia</a>	Badurashvili Irina	Vakhtang Beridze; Tinatin Davitashvili	Georgian Centre of Population Research	5
62	217404	<a href="#">Assessment of Carbon Stock Sequestered in Georgian Forests, Establishment of Conversion Coefficient</a>	Tiginashvili Zviadi	Medea Burjanadze; Mariam Arjevanidze; Beqa Berdzenishvili	Agricultural University of Georgia (Tbilisi)	1
63	217416	<a href="#">Development of new formulation for high specific natural inhibitor of digestive lipase</a>	Gulua Levani	Ia Kurashvili; Giorgi Archuadze; Iasha Tabatadze; Giorgi Chubinidze	Science and Power Engineering	3
64	217516	<a href="#">Development of perceptual and cognitive functions in children with dyslexia</a>	Parkosadze Khatuna	Nana Rezesidze; Tamari Beridze	Science and Power Engineering	3
65	217822	<a href="#">Prevalence of Bovine Tuberculosis in Georgia and its Impact on Public Health</a>	Kurashvili Tengizi	Sopia Beradze; Ia Kochiashvili; Rezo Natsvlshvili; Manana Vardosanidze	Science and Power Engineering	4
66	217862	<a href="#">Innovation methods for monitoring and control an invasive pest for Georgia– Cydalima perspectalis</a>	Supatashvili Archili	Omar Kurtanidze; Revaz Chighladze; Givi Kimeridze	Science and Power Engineering	4
67	218050	<a href="#">Acquisition, Regeneration and Characterization of Unique Georgian PGR Conserved in Foreign genebanks</a>	Betsiashvili Mariami	Nino Koroghlishvili; Rusudan Chagelishvili; Maia Chichinadze; Davit Lortkipanidze	Science and Power Engineering	4
68	217120	<a href="#">The Early Bronze Age settlers-insight into their life and environment through palynological research</a>	Tkvavadze Eliso	Nino Datunashvili; Medea Tsotselia; Vakhtang Tsintsadze; Alisa Datunashvili; Maia Intskirveli	Georgian National Museum	1
69	217128	<a href="#">Metallurgy Origins and Development in Mountainous Colchis: New Discoveries, Research, Perspectives</a>	Sulava Nino	Natia Inanishvili; Nodar Poporadze; Ia Akhvlediani	Georgian National Museum	1
70	217620	<a href="#">Neanderthals in the South Caucasus</a>	Tsikaradze Nikoloz	Ana Mgeladze; Nikoloz Vanishvili; Eliso Tkvavadze	Georgian National Museum	1
71	217626	<a href="#">Late Miocene of the Iori Valley (Georgia): Understanding primate turnover in the Southern Caucasus</a>	Bukhsianidze Maia	Darejan Gardavadze; Andro Gogoladze; Nino Kavtaradze; Tea Tateshvili	Georgian National Museum	6
72	217978	<a href="#">Rehabilitation and Cataloguing of Museum Collection's (Funds) Registration Catalogues</a>	Pkhakadze Vera	Malkhaz Chokharadze; Ramaz Khalvashvi; Meri Tsintsadze; Tina Shioshvili; Merab Khalvashi; Nugzar Mgeladze; Jemal Karalidze; Tamar Chokharadze	Georgian National Museum	6

73	217064	<a href="#">Georgian Christian Community in the Holy Land</a>	Mgaloblishvili Tamila	Ekaterine Meparidze; Natalia Dzukovi; Aleksandre Sborshikovi	Georgian Technical University (Tbilisi)	1
74	217162	<a href="#">Optical multi-photon nonlinear waves in graphene plasmonics</a>	Adamashvili Gurami	Onise Erukidze; Shota Adamia; Aleksandre Chabukiani; Nino Sadradze; Giorgi Vashakidze; Aleksandre Gventsadze	Georgian Technical University (Tbilisi)	1
75	217164	<a href="#">Optical Information Recording Based on Photo-Modulation of Emission Property of Liquid Crystal</a>	Chanishvili Andro	Gurami Chilaia; Zurabi Vardosanidze; Svetlana Tavzarashvili; Ketevani Tevdorashvili; Nino Batsorashvili	Georgian Technical University (Tbilisi)	1
76	217578	<a href="#">Study of localized plastic zones caused by LCF in martensitic Cr steels used in NPP</a>	Eterashvili Tamazi	Ada Nemsadze; Manana Kvataia; Manana Shamilishvili; Nona Kupreishvili; Zoia Tskhadaia; Mariam Giorgashvili	Georgian Technical University (Tbilisi)	1
77	217754	<a href="#">New rewritable optical storage on the basis of spiropyran doped liquid crystal bilayer polymer film</a>	Petriashvili Gia	Davit Maghradze; Tamar Gachechiladze	Georgian Technical University (Tbilisi)	1
78	217330	<a href="#">Impact of uncontrolled landfills on the territory of Georgia on the ecology of adjacent areas</a>	Buachidze Nugzari	Giorgi Gotsiridze; Mzia Gigashvili; Lia Kiknadze	Georgian Technical University- institute of cybernetics	2
79	217524	<a href="#">Detailed Geological Research of the Shale Gas Prospective Local Districts in Kazbegi-Omalu Region</a>	Seskuria Olga	Ivane Ledzava; Natia Dundua; Marine Ivanishvili; Eteri Soselia; Marina Jikia	Ilia Vekua Sokhumi Institute of Physics and Technology	1
80	217562	<a href="#">Influence of the polymerization and various dopants on the Hg-1223 superconductive properties</a>	Metskhvarishvili Iosebi	Nino Kvirikashvili; Tinatin Tseradze; Sopio Gagoshidze	Ilia Vekua Sokhumi Institute of Physics and Technology	1
81	217208	<a href="#">Peculiarities of internal friction spectra and microhardness of Si-Ge monocrystals</a>	Darsavelidze Giorgi	Manana Vardosanidze; Teimurazi Dzigrashvili; Levani Kotiashvili; Grigoli Abuladze	Giorgi Chubinashvili National Research Centre for Georgian Art History and Heritage Preservation	6
82	217484	<a href="#">Urban Planning and Architectural Design in the Cities of Georgia (1801-1918)</a>	Khoshtaria Daviti	Natia Natsvlshvili; Manon Ninuashvili; Giorgi Chanishvili; Giorgi Papashvili	Saint Andrews Georgian University (Tbilisi)	7
83	217292	<a href="#">Hybrid fibers-reinforced polymeric composites with matrix strengthened by nano-, ultra powders</a>	Abashidze Gurami	Otar Kavtelashvili; Nikoloz Chikhradze	G. Tsulikidze Mining Institute	1

84	217818	<a href="#">Research of the Treatment Process of Waters Contaminated with Bacteria.</a>	Chkheidze Nodar	Mamia Paghava;Natela Partenadze;Tina Shioshvili;Tamar Chokharadze	G. Tsulikidze Mining Institute	2
85	218008	<a href="#">Syntheses of Ceramic Nanocomposites in Si-B-C System by Mechanical Alloying and Explosive Compaction</a>	Chikhradze Nikoloz	Lana Karaia; Ketevan Shavgulidze;Marita Sakhltkutsishvili;Mariam Shergelashvili	G. Tsulikidze Mining Institute	2
86	217998	<a href="#">Estimating the health care associated risk of hepatitis C virus (HCV) among Georgian women</a>	Kamkamidze Giorgi	Maia Kajaia; Maia Butsashvili; Nona Tadumazde; Marika Kochlamazishvili	Health Research Union	3

<b>Scientific Fields</b>						
<b>Natural Sciences</b>	<b>Engeneriing and technologies</b>	<b>Medical and health sciences</b>	<b>Agricultural sciencies</b>	<b>Social sciences</b>	<b>Humanities</b>	<b>Georgian studies</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>