

## ANSEF 2017 awards

	Special prize	Name		Affiliation	Title
NS Zoology		Aghababayan Karen		Acopian Center for the Environment, American University of Armenia	Development of a tool for enhancing sustainability of forestry sector of Armenia: indication of forest conditions using Semi-collared Flycatcher ( <i>Ficedula semitorquata</i> )
NS Biochemistry	after J. Chamichyan	Arestakesyan Hovhannes		Institute of physiology, NAS	Development of in vitro model of cardiotoxicity of <i>Macrovipera lebetina obtusa</i> crude venom on the structure and function of cardiomyocytes and cardiac fibroblasts
NS Architecture		Arstamyan Lilya		"Artsakh Scientific Center" SNPO, Stepanakert, Nagorno Karabakh Republic	Comparative investigation of endemic lactic acid bacteria isolated from dairy products from milk of various domestic animals from several regions of armenia and nagorno karabakh republics
NS Zoology		Asatryan Vardan		Institute of hydroecology and ichthyology, NAS	The assessment of Masrik river potential as spawning area for Sevan trout
NS Plant Biology		Avetisyan Sona		Institute of biotechnology	New highly efficient insecticidal preparations on the basis of melaninogenic <i>B. thuringiensis</i> strains.
NS Molecular Biology		Avetyan Diana		Institute of molecular biology, NAS	Molecular mechanisms of apoptosis in post-traumatic stress disorder
NS Molecular Biology		Babayan Nelli		Institute of molecular biology, NAS	The DNA damage response pathway alterations in human myeloid leukemia cells
NS Biotechnology		Bazukyan Inga		Yerevan State University	Biodiversity of Armenian honeybees gastrointestinal tract and impact of lactic acid bacteria in their immunity
NS Biochemistry		Dallakyan Marina		Yerevan State University	In vivo screening of armenian local grapevine varieties and wines for antioxidant activity.
HU History		Farmanyany Sona		M.Abeghyan institute of literature, NAS	Study of Ancient and Modern Cosmology Using Armenian Manuscripts
PS Experimental Astrophysics		Hakobyan Artur		Byurakan astrophysical observatory, NAS	The relations between the distribution of supernovae, stellar population and density waves in galaxies
NS Microbiology		Hakobyan Astghik		Institute of molecular biology, NAS	Antiviral activity of apigenin against African swine fever virus Arm07 strain
NS Plant Biology		Hakobyan (Akopian) Zhaneta (Janna)		Institute of botany, NAS	Monitoring and botanical inventory of the natural monument of Armenia – "Salt marshes in the vicinity of Ararat town"
NS Human Biology	after A. Takhtajian	Hovhannisyan Anahit		Institute of molecular biology, NAS	Genetic structure of armenian population based on mtDNA and genome-wide data
PS Theoretical Condensed Matter	after G. Askaryan	Hovhannisyan Vahan		Alikhanyan physics institute	Thermodynamics and phase transitions of the spin lattice systems
PS Mathematical Physics		Ishkhanyan Artur		Institute for Physical Research of NAS	Series expansions of Heun functions with applications in physics and mathematics
NS Molecular Biology		Kishmiryan Arsen		L. A. Orbeli Institute of Physiology NAS	Immunohistochemical investigation of snake toxins effect on neuromuscular junction
NS Molecular Biology		Marukyan Gayane		Institute of Molecular Biology of NAS	Migration events driving abnormal influx of neutrophils in familial Mediterranean fever
NS Microbiology	after A. Nazarov	Margaryan Armine		Yerevan State University	Exploring metalophilic microbial communities of Armenian mining areas in order to find new means for bioremediation
PS Economics		Marukhyan Vehanush		Yerevan State University	The impact of structural changes of the energy market on the electricity tariffs of RA
EN Chemical Engineering	after A. Iosifyan	Meltonyan Ashot		Institute of physiology, NAS	Surface acoustic waves-based molecular recognition of a collagen receptor on human erythrocytes
NS Microbiology		Panosyan Hovik		Yerevan State University	Nagorno-Karabakhian geothermal springs as sources of thermophiles with biotechnological potency
PS Experimental Condensed Matter		Petrosyan Aram		Institute of Applied Problems of Physics	Discovery of salts of dimethylglycine with dimeric cation
NS Human Biology		Petrosyan Tigran		State medical university	Correlators of back muscle electromyographic and gait analysis data as a basis for exercise prescription in patients with lumbar disc herniation
NS Biotechnology		Poladyan Anna		Yerevan State University	Brewery waste of Armenian factories application for biohydrogen production
PS Experimental Astrophysics		Samsonyan Anahit		Byurakan astrophysical observatory, NAS	Comparison of Far Infrared [CII] and [OIII] Emission Lines in Starbursts and AGN
HU Sociology		Sargsyan Shushanik		Institute for informatics and automation problems, NAS	Data Cleaning as a Challenge to Evaluate Science in Armenia: Practical Solutions
PS Theoretical Particle Physics		Sargsyan Artsrun		Candle synchrotron research institute	Generation of High Brightness THz Radiation in Electron Accelerators
HU Liberal Arts		Tajarian Yvette		Yerevan State University	The Armenian Illuminated Manuscripts in Iran (Isfahan, New Julfa)
HU Linguistics		Yavrumyan Marat		Yerevan State University	Armenian Treebank and Dependency Parser

Special prizes are Young Scientists' Council Grants