

2019 ANSEF Awards

PI last name	PI first name	Affiliation	Title
Antonyan	Alvard	Institute Of Biochemistry, NAS	<i>Citrullination And Accumulation Of Adenosine Deaminase At Rheumatoid Arthritis</i>
Asatryan	Vardan	Institute Of Hydroecology And Ichthyology, NAS	<i>The development of experimental methodology for Sevan trout stock recovery</i>
Avetisyan [1]	Hakob	Institute For Physical Research, NAS	<i>Quantum advantage on Fermi-Hubbard model on a near-term quantum computer</i>
Bisharyan	Mher	Center of Forensic Medicine, SNPO	<i>Brain Specific Xanthinoxidoreductase As The Marker Of The Traumatic Brain Injury Severity, Stroke Induced By Drug Abuse</i>
Chavushyan	Andranik	Institute Of Molecular Biology, NAS	<i>Uncovering genetic aspects of antipsychotic treatment in schizophrenia</i>
Galstyan	Armen	Yerevan State University	<i>The potentially biologically activity novel poly-heterocyclic compounds: stereo- and regioselective synthesis and studies</i>
Gigoyan	Kamo	Byurakan Astrophysical Observatory, NAS	<i>Search And Study Of Faint M And C - Type Long Period Asymptotic Giant Branch Variables At High Galactic Latitudes</i>
Hakobyan	Lilit	Yerevan State University	<i>Biological hydrogen generation by Rhodobacter sphaeroides as a promising way of industrial waste treatment: advantages of mixed carbon fermentation.</i>
Hakobyan	Astghik	Institute Of Molecular Biology, NAS	<i>In Silico And In Vitro Screening And Testing Of Antiviral Compounds Against Fmdv</i>
Hakobyan	Artur	Byurakan Astrophysical Observatory, NAS	<i>The Diversity of Type Ia Supernova Progenitors</i>
Hambaryan	Lusine	Yerevan State University	<i>Changes in the ecological indexes of water due to the flowering of cyanobacteria as a sign of eutrophication of Lake Sevan.</i>
Hovhannesian	Kristine	Center of Medical Genetics and Primary Health Care	<i>Pathophysiology and genetics of Congenital Adrenal Hyperplasia among Armenians</i>
Hovsepyan	Roman	Institute Of Archaeology And Ethnography, NAS	<i>Natural Environment Of "Dragon Stones" According To The Materials From The Karmir Sar Site (Mt. Aragats)</i>
Karapetyan	Anushavan	State Medical University	<i>Comparative efficacy of surgical and therapeutic treatments of diabetic macular edema in diabetic retinopathy patients</i>
Kirakosyan	Gayane	Institute Of Physiology, Nas	<i>Phospholipases A2 from viperidae snakes and differences in Ca2+/Mg2+-ATPase and Na+/K+-ATPase activities in human red blood cell membrane.</i>
Kirakosyan [2]	Hasmik	Institute Of Chemical Physics, NAS	<i>Preparation of Ti6Al4V alloy by self-propagating high-temperature synthesis for 3D printing</i>
Martirosyan	Norayr	Center for the Advancement of Natural Discoveries using Light Emission	<i>Preparation and Investigation of Electric Field Controlling Ultrafast Ferroelectric/Multiferroic facilities for Accelerator Applications</i>
Mkrtchyan	Mkhitar	Institute Of Molecular Biology, NAS	<i>Next step: Addressing the risks of phage therapy</i>
Ohanyan	Vadim	Department of Theoretical Physics, Yerevan State University	<i>Exactly solvable models of low-dimensional magnetism with non-conserved magnetization.</i>
Poladyan	Anna	Yerevan State University	<i>Towards To Solutions On Energy Problems In Armenia: Development Of Microbial Fuel Cell Technology</i>
Sahakyan	Vera	The Mesrop Mashtots Institute of Ancient Manuscripts	<i>Mkrtich Chrimian Catholicos Archives As Armenian Location Names Studies Principal Source</i>
Sargsyan	Anyuta	Artsakh Scientific Center	<i>Development of new technology for enrichment of feedstuff</i>
Sargsyan [3]	Armen	Institute Of Biotechnology	<i>Genetic study of plasmids from antibiotic resistant Pseudomonas strains</i>
Simonyan	Hayarpi	Yerevan State University	<i>Asymmetric synthesis of enantiomerically enriched heterocyclic substituted amino acids and their amadori rearrangement to form biologically active glycosylated amino acids</i>
Stepanyan	Ani	Institute Of Molecular Biology, NAS	<i>Assessment of genotoxic effects of heavy metals in the population near mining area in Kapan</i>
Vardanyan	Lyudvig	Yerevan State University	<i>The role of phonons in controlling spin-flip processes in graphene on polar substrates</i>
Zakaryan	Hovakim	Institute Of Molecular Biology, NAS	<i>Role of polyamines in african swine fever virus infection</i>

The Council of Young Scientists awards:

- [1] for **Physics**- special grant after G. Askaryan
 [2] for **Chemistry**- special grant after J. Chamichyan
 [3] for **Biology**- special grant after A. Takhtajian