

## ANSEF 2013 Honorable Mentions

PI		Proposal Title
Ananikyan	Nerses	<i>Quantum and Classical Phase Transitions in Spin Systems: Entanglement</i>
Avetisyan	Yuri	<i>Tunable narrow-linewidth terahertz generator based on optical rectification of spatially shaped femtosecond laser pulses</i>
Ayvazyan	Gagik	<i>Gas Sensors Based On Porous Silicon-Zinc Oxide Nanostructures</i>
Azizyan	Rafayel	<i>In silico approach to studying functionality and regulation of biochemical pathways in general and their certain stages in particular</i>
Babajanyan	Vahan	<i>High-speed and high-sensitive detectors of radiation in the middle IR spectral region on base of doped ferroelectric crystals</i>
Bekaryan	Anahit	<i>Armenology in Western Europe in the 20th Century</i>
Gevorgyan	Ashot	<i>Metamaterials Based Chiral Photonic Crystals With Multiple Photonic Band Gaps</i>
Hakobyan	Tigran	<i>Spherical systems related to the rational Calogero models</i>
Hovhannesian	Kristine	<i>Development of modern paleogenetic techniques in Armenia</i>
Hovsepyan	Anichka	<i>Neuroprotective Effects of Water Soluble Bacterial Melanin in Traumatic Neuronal Injury</i>
Karagyan	Gayane	<i>Study of cytotoxicity and genotoxicity effects induced by heavy metals for assessment of impacts of environment pollution on natural populations of animals in mining areas of Armenia</i>
Magakian	Tigran	<i>Spectropolarimetry of PMS-stars and cometary nebulae</i>
Manukyan	Gayane	<i>Gene expression patterns of activated neutrophils from patients with familial Mediterranean fever</i>
Margaryan	Kristine	<i>Determination of bioactive constituents of Armenian grape varieties</i>
Martirosyan	Hamlet	<i>Urartian Hieroglyphic Writings and Their Language</i>
Mayilyan	Karine	<i>How C4B deficiency associated with schizophrenia may affect brain development</i>
Nersisyan	Lilit	<i>Reverse engineering of gene regulatory networks associated with telomere length in health and disease</i>
Nersisyan	Hrachya	<i>Electromagnetic instabilities for a relativistic electron beam interacting with a laser-irradiated plasma</i>
Panosyan	Hovik	<i>Thermophilic microbes from Armenian geothermal springs and their biotechnological potential</i>
Vardanyan	Ishkhan	<i>The peculiarities of Interaction of porphyrins with transfer RNA</i>
Zakaryan	Hovakim	<i>Nuclear Characteristics Of Monocyte-Derived Macrophages And Dendritic Cells During Acute African Swine Fever Virus Infection</i>

This year we received a total of **184 proposals**. **21 referees** reviewed all the proposals and recommended **47 for funding**. Of this list of 47, the Research Board selected the list of 26 top proposals. The remaining 21 listed here received **Honorable Mention**.