

**LIST  
OF RESEARCH PROJECTS ELIGIBLE FOR FUNDING UNDER THE  
“Adjunct Research Professorship Program (Remote Laboratory) - 2024” CALL**

Code	PI	CI	Thematic area	Project Title	Host Institution	Budget (thousand drams)
1. 24RL-1C047	Jarah Markar Evslin; Karapet Mkrtchyan	Demirtshyan Hovhannes Gagik	Physics and Astronomy	Quantum Solitons	"A.Alikhanyan National Laboratory (Yerevan Physics Institute)" Foundation of MES RA	130000
2. 24RL-1C024	Tigran Sedrakyan	Topchyan Hrant Armen	Physics and Astronomy	Topology and quantum chaos in strongly correlated systems	"A.Alikhanyan National Laboratory (Yerevan Physics Institute)" Foundation of MES RA	84000; N1809- U/2, 23.09.2024
3. 24RL-1C009	Christian Douglas Lorenz	Ishkhanyan Hrachya Avetiqli	Physics and Astronomy	Computational Molecular Engineering Laboratory	"Institute for Informatics and Automation Problems" NAS RA	130000
4. 24RL-5B018	Felix Arion; Nikolay Dmitrievich Dmitriev	Khachatryan Karlen Gagik	Economics and Business	The problems and solutions to human capital management in the Republic of Armenia	"Yerevan State University" Foundation of MES RA	130000
5. 24RL-5H026	Kristine Zlatkovic; Darren Gergle	Hakobyan Yenok Beniamini	Media and Communications	HCI + L Laboratory: Advancing Research and Technology for Human- Computer Interaction and Learning	"Yerevan State University" Foundation of MES RA	130000
6. 24RL-2I003	Tigran Galstian	Hakobyan Margarit Rafik	Biotechnology	Liquid crystals for advanced life sciences and sensing (imaging)	"Yerevan State University" Foundation of MES RA	130000
7. 24RL-1C010	Armen Sedrakian	Harutyunyan Arus Slavik	Physics and Astronomy	Relativistic Transport and Hydrodynamics in Compact Stars	"Byurakan Astrophysical Observatory" NAS RA	107000; N1809-U/2, 23.09.2024
8. 24RL-3C005	Dmitri Vadim Krysko; Valery Viktor Tuchin	Hovhannisyan Margarita Roberti	Medical Biotechnology	Targeted photodynamic therapy and vaccines based on induction of immunogenic cell death for melanoma	"H.Kh. Buniatian Institute of Biochemistry" NAS RA	130000

Code	PI	CI	Thematic area	Project Title	Host Institution	Budget (thousand drams)
9. 24RL-1B049	Naira Hovakimyan	Tamazyan Hakob Aram; N1809-Ս/2, 23.09.2024թ.	Informatics and Computer sciences	Vision-Language Foundation Models for Aerial Robotics	"Yerevan State University" Foundation of MES RA	130000
10. 24RL-6A032	Katarzyna Iwona Maksymiuk; Ani Hamlet Sargsyan	Margaryan Gor Ararat	History, Archeology	The Phenomenological and Ideological Foundations of Armenian Statehood: Theory and Practice in a Regional Perspective (from Ancient Times to the Present Day)	"Institute of Oriental Studies" NAS RA	130000
11. 24RL-1D041	Armen Zakarian	Mardiyany Zorayr Zorik	Chemistry	Synthesis of new enantiomerically pure non-protein amino acids by cross- coupling, preparation of new peptides based on them, and investigation as organocatalysts	"Scientific Technological Center of Organic and Pharmaceutical Chemistry" NAS RA	130000
12. 24RL-1F011	Marine Elbakidze	Muradyan Nelli	Biological Sciences	New approaches to enhancing functionality and the aesthetic value of urban green spaces in Armenia in the context of global climate change	"Institute of Botany" NAS RA	130000
13. 24RL-1C036	Carlo Angelantonj; Ignatios Antoniadis	Samsonyan Marine Manvel	Physics and Astronomy	Deformed Gauge Theories from Strings	"A.Alikhanyan National Laboratory (Yerevan Physics Institute)" Foundation of MES RA	107000
14. 24RL-1D014	Giovanni N. Roviello	Sargsyan Tatevik Hovhannes	Chemistry	Introduction of the method of solid phase peptide synthesis, targeted synthesis of peptides and assessment of bioactivity potential	"Scientific and Production Center Armbiotechnology" NAS RA	130000
15. 24RL-1F015	Danielyan Lusine; Schwab Matthias	Seferyan Torgom Yervand	Biological Sciences	Novel in vitro liver spheroid model and nanovesicle-based drug delivery to treat liver fibrosis (NANO-HEP)	"H.Kh. Buniatian Institute of Biochemistry" NAS RA	130000
16. 24RL-1F029	Jonathan Schug	Stepanyan Ani Smbat	Biological Sciences	Epigenetic influence of human Long- term environmental Exposure to Metals	"Institute of Molecular Biology" NAS RA	130000
17. 24RL-1A028	Gohar Kyureghyan; Aleksandr Iosevich	Vagharshakyan Armen Ashot	Mathematics	Analytical Methods in Geodesy, Cryptography and Machine Learning	"Institute of Mathematics" NAS RA	130000
18. 24RL-5D038	Maria Sergey Gunko	Vermishyan Harutyun Rafik	Sociology	Territorial studies & development lab	"Yerevan State University" Foundation of MES RA	107000