

Program Resurse Umane_Proiecte de Cercetare pentru Stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012
Lista proiecte finantate cu buget contractat

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Buget total contractat (lei)
1	PN-II-RU-TE-2012-3-0057	Biologie si Ecologie	Mitroiu	Mircea-Dan	Universitatea "Alexandru Ioan Cuza" din Iasi	Parasitoids of synanthropic flies: advanced identification methods using an integrated approach	642,298.00
2	PN-II-RU-TE-2012-3-0463	Biologie si Ecologie	Vlad	Adelina	Universitatea de Medicina si Farmacie "Carol Davila"	Mobilization of endothelial progenitor cells following anesthetic preconditioning reduces in-stent restenosis by early endothelial regeneration	649,967.00
3	PN-II-RU-TE-2012-3-0055	Biologie si Ecologie	Voicescu	Mariana	Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy	Flavone-Protein Systems Involved in Oxidative Stress Probed by Advanced Spectroscopic Methods	645,833.00
4	PN-II-RU-TE-2012-3-0429	Biologie si Ecologie	Lazar	Catalin	Institute of Biochemistry of Romanian Academy	The role of the endoplasmic reticulum-associated degradation in establishment of persistent Hepatitis B Virus infection	645,800.00
5	PN-II-RU-TE-2012-3-0235	Biologie si Ecologie	Brehar	Felix	Emergency Clinical Hospital "Bagdasar-Arseni"	A new anti-invasive experimental strategy for infiltrative malignant gliomas	645,833.00
6	PN-II-RU-TE-2012-3-0430	Biologie si Ecologie	Mihai	Oltean	University of Medicine and Pharmacy Timisoara	Innovative approaches for alleviating preservation/reperfusion injury in intestinal transplantation. Studies in a preclinical model.	645,825.00
7	PN-II-RU-TE-2012-3-0319	Biologie si Ecologie	Felföldi	Tamás	Sapientia University	Retrieving new bacterial isolates for potential bioremediation and biotechnological applications	792,222.00
8	PN-II-RU-TE-2012-3-0227	Chimie	Szabo	Laszlo	Babes-Bolyai University	NANO-BIOSENSING OF ATHEROSCLEROSIS AND THROMBOSIS BY SURFACE ENHANCED SPATIAL OFFSET RAMAN SPECTROSCOPY (SESORS)	699,688.00
9	PN-II-RU-TE-2012-3-0169	Chimie	Vasilescu	Cora	Institute of Physical Chemistry "Ilie Murgulescu" of Romanian Academy	Development of innovative methods for osseointegrative biofunctionalization of new titanium bioalloys surfaces	650,000.00
10	PN-II-RU-TE-2012-3-0123	Chimie	Serbezeanu	Diana	"Petru Poni" Institute of Macromolecular Chemistry	Phosphorus-containing polymers for high performance materials used in advanced technologies and/or biomedical applications	615,833.00
11	PN-II-RU-TE-2012-3-0036	Chimie	Angelescu	Daniel	Institute of Physical Chemistry I.G. Murgulescu Romanian Academy	Structure, association and phase stability of complexes containing charged (bio)macromolecules investigated by Monte Carlo simulations	645,661.00
12	PN-II-RU-TE-2012-3-0390	Chimie	Stefanescu	Carmen-Alina	National Institute for R&D in Electrical Engineering ICPE-CA	Rationally designed coordination polymers as precursors for oxide nanomaterials	675,250.00
13	PN-II-RU-TE-2012-3-0422	Chimie	Maxim	Catalin	University of Bucharest	Chiral building-blocks in designing molecular magnetic materials	736,000.00
14	PN-II-RU-TE-2012-3-0449	Fizica	Dumitru	Ioan	Alexandru Ioan Cuza University	Microwave behavior study on non-saturated magnetic nanowire systems	645,830.00
15	PN-II-RU-TE-2012-3-0196	Fizica	Patu	Ovidiu	Institutul de Stiinte Spatiale	Thermodynamic Properties and Correlation Functions of Low-Dimensional Ultracold Atomic Gases	790,000.00
16	PN-II-RU-TE-2012-3-0439	Fizica	Cimpoesu	Dorin	Universitatea "Alexandru Ioan Cuza" din Iasi	Energy assisted magnetization reversal - dynamics and thermal effects (DYNAMIC)	645,833.33
17	PN-II-RU-TE-2012-3-0150	Fizica	Curecheriu	Lavinia-Petronela	University Alexandru Ioan Cuza	Investigation of the mesoscopic polar order and size effects in driving polarization mechanisms of tunability in perovskites	645,833.00
18	PN-II-RU-TE-2012-3-0440	Fizica	Constantinescu	Ovidiu Dragos	Institute for Space Sciences	Excitation, propagation and dissipation of ULF waves in the magnetosphere (ERODIUM)	870,000.00
19	PN-II-RU-TE-2012-3-0320	Fizica	Filip	Lucian Dragos	National Institute for Materials Physics	Metal-ferroelectric interfaces: From first principles to experimental optimization	692,300.00
20	PN-II-RU-TE-2012-3-0492	Matematica si Informatica	Cheptea	Dorin	Institutul de Matematica "Simion Stoilow" al Academiei Romane	Investigation of quantum and finite type invariants, applications in geometry and topology	623,875.00

Program Resurse Umane_Proiecte de Cercetare pentru Stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012
Lista proiecte finantate cu buget contractat

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Buget total contractat (lei)
21	PN-II-RU-TE-2012-3-0168	Matematica si Informatica	Burciu	Sebastian	Institute of Mathematics Simion Stoilow of Romanian Academy	Hopf algebras, tensor categories and Hopf monads	645,830.00
22	PN-II-RU-TE-2012-3-0161	Matematica si Informatica	Ichim	Bogdan	"Simion Stoilow" Institute of Mathematics of the Romanian Academy	ALGEBRAIC STUDY OF SOME COMBINATORIAL PROBLEMS AND ASSOCIATED COMPUTATIONAL EXPERIMENTS	645,833.00
23	PN-II-RU-TE-2012-3-0336	Matematica si Informatica	Satco	Bianca	Universitatea Stefan cel Mare	Regulated solutions for single and set-valued differential problems in Banach spaces	489,530.00
24	PN-II-RU-TE-2012-3-0042	Matematica si Informatica	Costara	Constantin	Universitatea Ovidius Constanta	Spectral theory of linear operators and complex analysis	506,000.00
25	PN-II-RU-TE-2012-3-0190	Matematica si Informatica	Baricz	Árpád	Babes-Bolyai University	Study of special functions with methods from real and complex analysis	699,999.25
26	PN-II-RU-TE-2012-3-0471	Medicina	Popescu	Costin-Ioan	Institute of Biochemistry of the Romanian Academy	Real-time imaging of the viral modules during Hepatitis C Virus assembly	650,000.00
27	PN-II-RU-TE-2012-3-0157	Medicina	Kiss	Bela	IULIU HATIEGANU UNIVERSITY OF MEDICINE AND PHARMACY, FACULTY OF PHARMACY	THE IN VITRO AND IN VIVO ENDOCRINE DISRUPTIVE POTENTIAL OF SELECTED ANTIOXIDANTS AND PRESERVATIVES IN CASE OF INDIVIDUAL AND COMBINED EXPOSURE	645,833.00
28	PN-II-RU-TE-2012-3-0209	Medicina	meghea	cristian	Babes-Bolyai Cluj Napoca	Postnatal smoking relapse, its associated risk factors, and a proactive sustainable preventive intervention	814,527.00
29	PN-II-RU-TE-2012-3-0478	Stiinta materialelor	Ionita	Mariana	University Politehnica of Bucharest	Multi-scale computational approach and experiments towards knowledge-based design of polymer-graphene membrane materials for selective gas separation	702,500.00
30	PN-II-RU-TE-2012-3-0379	Stiinta materialelor	Popescu	Andrei	National Institute for Lasers, Plasma and Radiation Physics	Hard and adherent carbon thin films synthesized by pulsed laser deposition for wear protection of metallurgical cutting and drilling tools	690,124.00
31	PN-II-RU-TE-2012-3-0202	Stiinta materialelor	Suchea	Mirela Petruta	Universitatea "Alexandru Ioan Cuza" din Iasi	Photocatalytic active nanostructured coatings on fabric substrates for applications in air purification systems	792,220.00
32	PN-II-RU-TE-2012-3-0198	Stiinta materialelor	Lupa	Lavinia	University Politehnica Timisoara	New approach of using ionic liquids (ILs) as "green extractants" in the adsorption process of radionuclides from waste aqueous solutions	650,000.00
33	PN-II-RU-TE-2012-3-0467	Stiinta materialelor	Scarisoareanu	Nicu Doinel	National Institute for Laser, Plasma & Radiation Physics (INFILPR)	Lead-free thin film of (Ba _{1-x} Ca _x)(Ti _{1-y} Zr _y)O ₃ system with large piezoelectric properties for microelectronics.	700,000.00
34	PN-II-RU-TE-2012-3-0360	Stiinta materialelor	Muresan	Laura	Babes Bolyai University	NANOPHOSPHORS BASED ON YTTRIUM SILICATE FOR OPTOELECTRONICS	650,000.00
35	PN-II-RU-TE-2012-3-0148	Stiinta materialelor	Preda	Nicoleta	National Institute of Materials Physics	Surface wettability control using self-assembled nanostructures	658,000.00
36	PN-II-RU-TE-2012-3-0403	Stiinta materialelor	Ungureanu	Adrian	Gheorghe Asachi Technical University of Iasi	Nanosized Metallic Catalysts Prepared in Controlled Local Environments of Mesostructured Hosts for Fine Chemical Syntheses (NanoMesoChem)	650,000.00
37	PN-II-RU-TE-2012-3-0177	Stiinta materialelor	VISA	Maria	Transilvania University of Brasov	New adsorbents of zeolite type obtained from waste fly ash collected from Romanian Combined Heat and Power Plants	631,302.00
38	PN-II-RU-TE-2012-3-0143	Stiinte ingineresti	Filimon	Anca	Petru Poni Institute of Macromolecular Chemistry	High Performance Polymeric Biomaterials Based on Functionalized Polysulfones with Medical Applications	645,832.00
39	PN-II-RU-TE-2012-3-0040	Stiinte ingineresti	Busoniu	Lucian	Technical University of Cluj-Napoca	Reinforcement learning and planning for large-scale systems	792,222.00
40	PN-II-RU-TE-2012-3-0307	Stiinte ingineresti	Ionescu	Clara Mihaela	Universitatea Tehnica din Cluj-Napoca	Robust fractional order control strategies for multivariable time delay processes	827,080.00

Program Resurse Umane_Proiecte de Cercetare pentru Stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012
Lista proiecte finantate cu buget contractat

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Buget total contractat (lei)
41	PN-II-RU-TE-2012-3-0367	Stiinte ingineresti	Neamtu	Bogdan Viorel	Technical University of Cluj-Napoca	Amorphous soft magnetic Fe-based and Co-based powders and cores prepared by mechanical alloying and spark plasma sintering	645,833.00
42	PN-II-RU-TE-2012-3-0378	Stiinte ingineresti	MARINCA	TRAIAN FLORIN	Technical University of Cluj Napoca	Spark plasma sintered soft magnetic composite/nanocomposite compacts of iron alloy/iron mixed ferrite type	645,833.00
43	PN-II-RU-TE-2012-3-0108	Stiinte ingineresti	CATALINA	Tiberiu	Technical University of Civil Engineering Bucharest	Optimization of Indoor Environmental Quality & Energy Efficiency in educational facilities using a multi-criteria decision approach	683,797.00
44	PN-II-RU-TE-2012-3-0136	Stiinte ingineresti	Ofiteru	Irina Dana	University Politehnica of Bucharest	Dynamics of Escherichia coli population transformed to express archeal heterologous protein S-layer	645,025.00
45	PN-II-RU-TE-2012-3-0011	Stiinte sociale si economice	Degi	Csaba Laszlo	Babes Bolyai University	Assessment of Psycho-Social and Communication needs in Oncology patients (APSCO)	645,800.00
46	PN-II-RU-TE-2012-3-0007	Stiinte sociale si economice	Toma	Aida	Bucharest Academy of Economic Studies	Flexible Statistical Modeling and Robust Analysis of Financial Data	552,000.00
47	PN-II-RU-TE-2012-3-0412	Stiinte sociale si economice	avrigeanu	tudor	Institutul de Cercetari Juridice "Acad. Andrei Radulescu"	The Constants of Criminal Law and the Normative Identity of the Romanian Society (1939-1969-2009)	645,000.00
48	PN-II-RU-TE-2012-3-0398	Stiinte sociale si economice	Buda	Octavian	Universitatea de Medicina si Farmacie "Carol Davila"	Medical standards and ideology in Romanian communist psychiatry.	664,048.00
49	PN-II-RU-TE-2012-3-0355	Stiinte sociale si economice	GALEA	ION	University of Bucharest, Faculty of Law	Identifying Solutions for Improving the Application of Treaties in Romania, in the context of Membership within the European Union	645,146.00
50	PN-II-RU-TE-2012-3-0304	Stiinte sociale si economice	Nichiforel	Liviu	Universitatea "Stefan cel Mare" Suceava	Institutional entrepreneurship and impacts on sustainable forest management in Romania: bridging socio-economic and remote sensing tools	451,701.00
51	PN-II-RU-TE-2012-3-0323	Stiinte sociale si economice	Laura	Visu-Petra	Babes-Bolyai University	The connected lie: Longitudinal links between early deception skills, sociocognitive development and problematic behaviors in young children	645,165.00
52	PN-II-RU-TE-2012-3-0477	Stiinte umaniste	Burnichioiu	Ileana	UNIVERSITATEA "1 DECEMBRIE 1918" ALBA IULIA	Monastic Life, Art and Technology at the Bizere Monastery (Arad County, Romania)	673,365.00
53	PN-II-RU-TE-2012-3-0078	Stiinte umaniste	Cusco	Andrei	Al.I. Cuza University, Iasi	Vision and Perceptions of Romania in the Russian Imperial Discourse and Public Sphere in the Late 19th and Early 20th Century	649,750.00
54	PN-II-RU-TE-2012-3-0334	Stiinte umaniste	RADU	SORIN	"Lucian Blaga" University of Sibiu	Communism in Romanian Countryside. Case Study: Ploughmen's Front Propaganda (1944-1953)	631,350.00
55	PN-II-RU-TE-2012-3-0411	Stiinte umaniste	Terian-Dan	Andrei	Lucian Blaga University of Sibiu	A World-System Analysis of Semiperipheral Literatures. The Case of Romanian Literature	655,500.00
56	PN-II-RU-TE-2012-3-0288	Stiinte umaniste	Claudiu-Lucian	Topor	„Alexandru Ioan Cuza” University	Foreign diplomats in the Kingdom of Romania. Ways of socialization and mundanity experiences (1881-1914).	502,212.00
57	PN-II-RU-TE-2012-3-0216	Stiinte umaniste	Barca	Vitalie	Romanian Academy. Institute of Archaeology and Art History of Cluj-Napoca	Orbis Romanus and Barbaricum – The nomad Barbarian world (the Sarmatians) around the province of Dacia and its relations with the Roman Empire.	677,079.00
58	PN-II-RU-TE-2012-3-0045	Stiinte umaniste	Timotin	Andrei	Societatea Romana de Fenomenologie	Theories and Practices of Prayer in Late Antiquity (2nd-6th centuries)	673,652.00
59	PN-II-RU-TE-2012-3-0461	Stiinte umaniste	Gligor	Mihai	"1 Decembrie 1918" University	From Inhumation to Cremation in Romanian Neolithic and Eneolithic. New Archaeological Evidence, Burial Practices, and Osteological Approach	678,958.00
60	PN-II-RU-TE-2012-3-0077	Stiinte umaniste	Preda	Sinziana	West University of Timișoara	Cultural heritage and identity dynamics in the Turkish Tatar community from Dobroudja	500,000.00

Program Resurse Umane_Proiecte de Cercetare pentru Stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012
Lista proiecte finantate cu buget contractat

Nr. Crt.	Cod	Domeniu	Nume	Prenume	Institutie	Titlu	Buget total contractat (lei)
61	PN-II-RU-TE-2012-3-0386	Stiintele pamantului	Mindrescu	Marcel	UNIVERSITATEA STEFAN CEL MARE SUCEAVA	CLIMATE VARIABILITY RECORDED BY GLACIAL DEPOSITS AND LAKE SEDIMENTS	602,800.00
62	PN-II-RU-TE-2012-3-0215	Stiintele pamantului	Marmureanu	Alexandru	National Institute for Earth Physics	Real time integrated earthquake early warning system for Romania (ResyR)	649,895.00
63	PN-II-RU-TE-2012-3-0351	Stiintele pamantului	Begy	Robert-Csaba	Babes-Bolyai University	Radionuclides as tracers of the anthropic influence on the Danube Delta sedimentary processes	645,700.00
64	PN-II-RU-TE-2012-3-0086	Stiintele vietii aplicate si Biotehnologii	Marin	Daniela	National Institute for Research and Development in Animal Biology and Nutrition	Role of ochratoxin A in triggering the Balkanic endemic nephropathy using pig as animal model	700,000.00
65	PN-II-RU-TE-2012-3-0048	Stiintele vietii aplicate si Biotehnologii	Chedea	Veronica Sanda	National Research Development Institute for Animal Biology and Nutrition (IBNA)	Valorization of wine industry waste as a source of antioxidants for an enriched animal diet	700,000.00
66	PN-II-RU-TE-2012-3-0092	Stiintele vietii aplicate si Biotehnologii	Corcionivoschi	Nicolae	Universitatea de Stiinte Agricole si Medicina Veterinara a Banatului Timisoara	The role of probiotic bacteria in preventing Campylobacter jejuni colonization of poultry	792,205.00
67	PN-II-RU-TE-2012-3-0034	Stiintele vietii aplicate si Biotehnologii	Serban	Andreea Iren	UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE BUCHAREST	THE IMPACT OF MAILLARD COMPOUNDS ON THE QUALITY AND SAFETY OF UHT MILK FOODS AND THEIR IMPLICATION IN THE DEVELOPMENT OF DIABETES-LIKE COMPLICATIONS	645,833.32