

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|--------------------|---|---|---|------------------------------|--------|---|
| 1 | PN-II-RU-TE-2012-3-0006 | Damaceanu | Romulus-Catalin | Universitatea "Petre Andrei" din Iasi | Un studiu computational bazat pe agenti a problemelor de parteneriat in cazul unei piete cu un numar variabil de producatori si consumatori | An agent-based computational study of matching problems in the case of a market with variable number of producers and consumers | Stiinte sociale si economice | SH1_2 | Microeconomics, institutional economics |
| 2 | PN-II-RU-TE-2012-3-0007 | Toma | Aida | Bucharest Academy of Economic Studies | Modelare Statistica Flexibila si Analiza Robusta a Datelor Financiare | Flexible Statistical Modeling and Robust Analysis of Financial Data | Stiinte sociale si economice | SH1_3 | Econometrics, statistical methods |
| 3 | PN-II-RU-TE-2012-3-0008 | Buleu | Constantina Raveca | Babeş-Bolyai University | CULTURI ALE SFARSITULUI | END CULTURES | Stiinte umaniste | SH5_3 | Literary theory and comparative literature, literary styles |
| 4 | PN-II-RU-TE-2012-3-0009 | Edina | Rusen | University Politehnica Bucharest | Biosenzori optici pe baza de cristale fotonice | Optical biosensors based on photonic crystals | Stiinta materialelor | PE5_9 | Materials for sensors |
| 5 | PN-II-RU-TE-2012-3-0010 | COVEI | DRAGOS-PATRU | Universitatea Constantin Brancusi din Targu Jiu | EXTINDEREA REZULTATELOR PENTRU CATEVA PROBLEME CE APAR IN STIINTELE APLICATE SI IMPLEMENTAREA LOR INTR-UN LIMBAJ DE PROGRAMARE | EXTENSION OF THE RESULTS FOR SOME PROBLEMS THAT APPEAR IN APPLIED SCIENCES AND THEIR IMPLEMENTATION IN A PROGRAMMING LANGUAGE | Matematica si Informatica | PE1_15 | Mathematical aspects of computer science |
| 6 | PN-II-RU-TE-2012-3-0011 | Csaba | Degi | Babes Bolyai University | Evaluarea nevoilor psiho-sociale și de comunicare în rândul pacienților cu boli oncologice (APSCO) | Assessment of Psycho-Social and Communication needs in Oncology patients (APSCO) | Stiinte sociale si economice | SH2_2 | Ageing, work, social policies |
| 7 | PN-II-RU-TE-2012-3-0012 | Modoi | George Ciprian | Babes-Bolyai University | Subcategoriile reflectiv si coreflectiv | Reflective and coreflective subcategories | Matematica si Informatica | PE1_2 | Algebra |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|--|--------|---|
| 8 | PN-II-RU-TE-2012-3-0013 | Eppel | Ioan Marius | Universitatea Babes Bolyai | Centralism si autonomie ecleziastica in Monarhia Habsburgica. Relatiile mitropoliei de la Karlowitz cu Biserica Ortodoxa Romana 1690-1864 | Centralism and Ecclesiastic Autonomy in the Habsburg Monarchy.The Relationships between Karlowitz Mitropoly and the Romanian Orthodox Church 1690-1864 | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 9 | PN-II-RU-TE-2012-3-0014 | Brad | Traian | Academia Romana Filiala Cluj - Institutul de Speologie "Emil Racovita" | Barriere geologice - factori ai speciatiei din apele subterane | Geological barriers determining speciation in groundwater ecosystems | Biologie si Ecologie | LS8_1 | Ecology (theoretical, community, population, microbial, evolutionary ecology) |
| 10 | PN-II-RU-TE-2012-3-0015 | Harmanescu | Monica | Banat's University of Agricultural Sciences and veterinary Medicine | Influenta factorilor orografici asupra profilului in acizi grasi si minerale al furajului din pajisti (FAMINGRASS) | The influence of orographic factors on fatty acids and minerals profile of forage from grasslands (FAMINGRASS) | Stiintele vietii aplicate si Biotehnologii | LS9_5 | Agriculture related to crop production, soil biology and cultivation, applied plant biology |
| 11 | PN-II-RU-TE-2012-3-0016 | Dragoman | Dragos-Dumitru | Universitatea Lucian Blaga din Sibiu | Cine conteaza in alegerile locale? Partide mici si elite locale in Romania | Who counts in local elections? Minor parties and local elites in Romania | Stiinte sociale si economice | SH2_8 | Political systems, legitimacy of governance |
| 12 | PN-II-RU-TE-2012-3-0017 | MITRAN | GHEORGHITA | University of Bucharest, Faculty of Chemistry | OXIZI MICSTI SUPTATI, NOI CATALIZATORI ACIZI PENTRU REACTIA DE ESTERIFICARE SI TRANSESTERIFICARE | SUPPORTED MIXED OXIDES, NEW ACID CATALYSTS FOR ESTERIFICATION AND TRANSESTERIFICATION REACTIONS | Chimie | PE4_12 | Catalysis |
| 13 | PN-II-RU-TE-2012-3-0018 | Bolfa | Pompei | University of Agricultural Sciences and Veterinary Medicine | Epedemiologia moleculara si evolutia infectiei cu virusul anemiei infectioase ecvine in Romania | Molecular epidemiology and evolution of equine infectious anemia virus in Romania | Medicina | LS6_8 | Virology |
| 14 | PN-II-RU-TE-2012-3-0019 | Bugoi | Roxana-Nicoleta | Horia Hulubei National Institute for Nuclear Physics and Engineering | Investigatii arheometrice asupra unor tezaure din Epoca Migratiilor | Archaeometric Investigations of Migration Period Treasures | Stiinte umaniste | SH6_1 | Archaeology, archaeometry, landscape archaeology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|--------------------|---|--|--|---------------------------|-------|---|
| 15 | PN-II-RU-TE-2012-3-0020 | Alexandru | Nicoleta | Institute of Cellular Biology and Pathology 'Nicolae Simionescu' | Noi perspective în relația plachetelor progenitoare endoteliale circulante în boala aterosclerotică | New insights in platelet-circulating endothelial progenitor cell interplay in atherosclerotic disease | Biologie și Ecologie | LS4_7 | Cardiovascular diseases |
| 16 | PN-II-RU-TE-2012-3-0021 | Florea | Corneliu | University Politehnica Bucuresti | Inferența procesului cognitiv prin analiza combinată a ochiului și expresiei faciale - ChIMERA | Cognitive process Inference by the Mutual use of the Eye and expResion Analysis - ChIMERA | Matematica și Informatica | PE6_5 | Human computer interaction and interface |
| 17 | PN-II-RU-TE-2012-3-0022 | Kacso | Ina Maria | University of Medicine and Pharmacy "Iuliu Hațieganu Cluj" | Reglarea jonctiunii strânse interendoteliale: rolul moleculei de adeziune endotelială-selective în permeabilitatea glomerulară și disfuncția endotelială | Regulation of tight junction: role of endothelial cell selective adhesion molecule in glomerular permeability and endothelial dysfunction. | Biologie și Ecologie | LS4_3 | Endocrinology |
| 18 | PN-II-RU-TE-2012-3-0023 | Irimescu | Adrian | UNIVERSITATEA POLITEHNICA DIN TIMISOARA | Modele de transfer termic pentru motoare cu aprindere prin scântee alimentate cu combustibili alternativi | Heat Transfer Models for Spark Ignition Engines Operated with Alternative Fuels | Științe ingineresti | PE8_5 | Fluid mechanics, hydraulic-, turbo-, and piston engines |
| 19 | PN-II-RU-TE-2012-3-0024 | Popovici | Vlad Vasile | Babeș-Bolyai University Cluj-Napoca | Actori colectivi în Transilvania epocii moderne. Grupuri elitare românești în perspectivă istorică (1850-1918) | Collective Actors in Modern Age Transylvania. A Group-Centred Historical Approach on the Romanian Elite (1850-1918) | Științe umaniste | SH6_5 | Modern and contemporary history |
| 20 | PN-II-RU-TE-2012-3-0025 | Ordodi | Valentin Laurentiu | University of Medicine and Pharmacy "Victor Babes" Timisoara | O ABORDARE ORIGINALĂ ELECTROCHIMICĂ PENTRU REDUCEREA EFECTULUI POLUANT ASUPRA MEDIULUI A APELOR REZIDUALE DIN FERMELE DE SUINE | AN ORIGINAL ELECTROCHEMICAL APPROACH FOR REDUCING SWINE INDUSTRIAL WASTEWATER ENVIRONMENTAL IMPACT | Biologie și Ecologie | LS8_9 | Environmental toxicology |
| 21 | PN-II-RU-TE-2012-3-0026 | Miron | Nicolae | University of Medicine and Pharmacy „Iuliu Hațieganu” Cluj-Napoca | Anomalii imunologice la pacienții cu Imunodeficiență Comună Variabilă asociată cu manifestări autoimune | Immunological anomalies in patients with Common Variable Immunodeficiency associated with autoimmune disorders | Medicina | LS6_2 | Adaptive immunity |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|---|---------------------------|--------|---|
| 22 | PN-II-RU-TE-2012-3-0027 | Stoian | Ruxandra | University of Craiova | Deschizand Cutia Neagra a Modelelor Opace de Predictie: Extragere de Reguli prin Calcul Natural | Opening the Black-Box of Opaque Prediction Models: Rule Extraction by Natural Computation | Matematica si Informatica | PE6_8 | Intelligent systems |
| 23 | PN-II-RU-TE-2012-3-0028 | Buga | Ana Maria | University of Medicine and Pharmacy | Abordare sistematica a imbatranirii active: rolul ritmului circadian in regenerarea tisulara | Systemic approaches to healthy aging: Role of the circadian rhythm for tissue regeneration | Biologie si Ecologie | LS4_4 | Ageing |
| 24 | PN-II-RU-TE-2012-3-0029 | Balan | Catalin Mihai | National Institute for Research and Development in Microtechnologies IMT - Bucharest | Noi strategii de amestecare si manipulare fluidica in dispozitive microfluidice cu suprafete structurate. | Novel mixing strategies and fluid manipulation in microfluidic devices with patterned surfaces. | Stiinte ingineresti | PE8_7 | Micro(system) engineering |
| 25 | PN-II-RU-TE-2012-3-0030 | Atanase | Leonard Ionut | Universitatea Tehnica "Gheorghe Asachi" | Sisteme polimerice bifazice pentru eliberarea controlata a medicamentelor: medicamente incapsulate in nanoparticule obtinute din emulsii neapoase | Two-phase biocompatible polymeric systems for controlled drug delivery: drug-loaded nanoparticles obtained from non-aqueous emulsions | Stiinta materialelor | PE5_11 | Biomaterials synthesis |
| 26 | PN-II-RU-TE-2012-3-0031 | Nita | Loredana Elena | Petru Poni Institute of macromolecular chemistry | Hidrogeluri supramoleculare: designul si aplicatiile materialelor | Supramolecular hydrogels: materials design and applications | Chimie | PE5_22 | Supramolecular chemistry |
| 27 | PN-II-RU-TE-2012-3-0032 | Socoteanu | Greta Mihaela | "Ilie Murgulescu" Institute of Physical Chemistry of the Romanian Academy | Nanomateriale de SnO2 obtinute prin metode biotemplate si biomediate de catre polizaharide | Toward nanostructured SnO2-based materials through biotemplating/biomediating approaches | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 28 | PN-II-RU-TE-2012-3-0033 | Fratila | Domnita-Florina | Technical University of Cluj-Napoca | Cercetari privind evaluarea predictiva a impactului ecologic al proceselor de fabricatie | Research on Predictive Assessment of Manufacturing Processes Ecological Impacts | Stiinte ingineresti | PE8_8 | Mechanical and manufacturing engineering (shaping, mounting, joining, separation) |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|--|--------|---|
| 29 | PN-II-RU-TE-2012-3-0034 | Serban | Andreea Iren | UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE BUCHAREST | IMPACTUL COMPUȘILOR MAILLARD ASUPRA CALITĂȚII ȘI SIGURANȚEI PRODUSELOR LACTATE UHT ȘI IMPLICAȚIA LOR ÎN APARIȚIA COMPLICAȚIILOR DIABETULUI | THE IMPACT OF MAILLARD COMPOUNDS ON THE QUALITY AND SAFETY OF UHT MILK FOODS AND THEIR IMPLICATION IN THE DEVELOPMENT OF DIABETES-LIKE COMPLICATIONS | Științele vieții aplicate și Biotehnologii | LS9_6 | Food sciences |
| 30 | PN-II-RU-TE-2012-3-0036 | Angelescu | Daniel | Institute of Physical Chemistry I.G. Murgulescu Romanian Academy | Structura, asocierea și stabilitatea de fază a complexelor formate de (bio)macromoleculă cu sarcină electrică investigate prin simulări Monte Carlo | Structure, association and phase stability of complexes containing charged (bio)macromolecules investigated by Monte Carlo simulations | Chimie | PE4_13 | Physical chemistry of biological systems |
| 31 | PN-II-RU-TE-2012-3-0037 | Craciun | Dana | West University of Timisoara | Analiza proprietăților catalitice ale amilazelor, celulazelor și chitinazelor. O abordare structurală bioinformatică | Analysis of catalytic properties of amylases, cellulases and chitinases. A structural bioinformatics approach | Științele vieții aplicate și Biotehnologii | LS9_8 | Environmental biotechnology, bioremediation, biodegradation |
| 32 | PN-II-RU-TE-2012-3-0038 | Mihasan | Marius | Universitatea "Alexandru Ioan Cuza" din Iași | Efectele 6-hidroxi-nicotinei asupra neurotoxicității și stresului oxidativ indus de clorizondamina: relevanță pentru boala Alzheimer | Effects of 6-hydroxy-nicotine on chlorzondamine-induced oxidative stress and neurotoxicity: relevance for Alzheimer's disease | Științele vieții aplicate și Biotehnologii | LS9_1 | Genetic engineering, transgenic organisms, recombinant proteins, biosensors |
| 33 | PN-II-RU-TE-2012-3-0039 | Manea | Mihaela | Petroleum & Gas University of Ploiesti | Aplicarea interacțiunilor fizico-chimice la productivitatea sondelor de titei | Applying physical-chemical interactions to crude oil well productivity | Chimie | PE4_1 | Physical chemistry |
| 34 | PN-II-RU-TE-2012-3-0040 | Busoniu | Lucian | Technical University of Cluj-Napoca | Învățarea prin recompensă și planificarea pentru controlul sistemelor de scară largă | Reinforcement learning and planning for large-scale systems | Științe ingineresti | PE7_1 | Control engineering |
| 35 | PN-II-RU-TE-2012-3-0041 | rujoiu | corneliu marius | Institute of Space Science | Sonificarea simularilor de raze cosmice | Sonification of the Cosmic Rays Simulations | Fizica | PE2_2 | Particle physics |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|---|--|---------|--|
| 36 | PN-II-RU-TE-2012-3-0042 | Costara | Constantin | Universitatea Ovidius Constanta | Teorie spectrala pentru operatori liniari si analiza complexa | Spectral theory of linear operators and complex analysis | Matematica si Informatica | PE1_9 | Operator algebras and functional analysis |
| 37 | PN-II-RU-TE-2012-3-0043 | Sambrian | Oana Andreia | Institutul de Cercetari Socio-Umane "C.S. Nicolaescu-Plopsor" | Imaginea Transilvaniei in Spania in timpul razboiului de treizeci de ani. Propaganda prin intermediul documentelor, al literaturii si al teatrului | The Image of Transylvania in Spain during the Thirty Years' War. Propaganda through Documents, Literature and Theatre | Stiinte umaniste | SH6_10 | Social, economic, cultural and political history |
| 38 | PN-II-RU-TE-2012-3-0044 | Gheorghe | Tigan | Universitatea Politehnica din Timisoara | Oscilatori cu impact, campuri de vectori in plan si modele neuronale in teoria sistemelor dinamice | Impact oscillators, quadratic vector fields and neuronal models in dynamical systems theory | Matematica si Informatica | PE1_10 | ODE and dynamical systems |
| 39 | PN-II-RU-TE-2012-3-0045 | Timotin | Andrei | Societatea Romana de Fenomenologie | Teorii si practici ale rugaciunii in Antichitatea tarzie (secolele al II-lea - al VI-lea) | Theories and Practices of Prayer in Late Antiquity (2nd-6th centuries) | Stiinte umaniste | SH4_10 | Philosophy, history of philosophy |
| 40 | PN-II-RU-TE-2012-3-0046 | Popescu | Eugeniu | Institute of Space Science | Test terestru romanesc al Principiului Slab de Echivalenta | Ground-based Romanian Weak Equivalence Principle Test (GR-WEPT) | Fizica | PE2_11 | Relativity |
| 41 | PN-II-RU-TE-2012-3-0047 | Falka | Istvan | Dimitrie Cantemir University | Managementul resurselor de apa si invadabilitatea ecosistemelor acvatice. | Water resources management and invasibility of freshwater ecosystems. | Stiintele pamantului | PE10_17 | Hydrology, water and soil pollution |
| 42 | PN-II-RU-TE-2012-3-0048 | Chedea | Veronica Sanda | National Research Development Institute for Animal Biology and Nutrition (IBNA) | Valorificarea reziduurilor industriei vinicole prin nutritia animala imbogatita in antioxidanti | Valorization of wine industry waste as a source of antioxidants for an enriched animal diet | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|--|---------|---|
| 43 | PN-II-RU-TE-2012-3-0049 | Hritcu | Lucian | Universitatea "Alexandru Ioan Cuza" din Iași | Caracterizarea și efectele biologice ale extractelor vegetale selecționate pe modele animale ale unor boli neurologice cu relevanță pentru demență | Characterization and biological activities of selected herbal extracts in animal models of neurological disorders: relevance for dementia conditions | Științele vietii aplicate și Biotehnologii | LS9_6 | Food sciences |
| 44 | PN-II-RU-TE-2012-3-0050 | Ardeleanu | Constantin | UNIVERSITATEA DUNAREA DE JOS GALATI | Navigația internațională la Dunărea de Jos. De la monopolul otoman la instituirea regulamentelor moderne de navigație (1774-1914) | International Shipping at the Lower Danube. From Turkish Monopoly to the Institution of Modern Navigation Regulations (1774-1914) | Științe umaniste | SH6_5 | Modern and contemporary history |
| 45 | PN-II-RU-TE-2012-3-0051 | Butoi | Elena | Institute of Cellular Biology and Pathology "Nicolae Simionescu" | Rolul microARN in trans-diferențierea celulelor musculare netede și macrofagelor în celule foam: de la interacție celulară la noi biomarkeri | Role of microRNA in trans-differentiation of smooth muscle cells and macrophage in foam cells: from cell interaction to biomarker discovery | Biologie și Ecologie | LS3_7 | Cell signalling and cellular interactions |
| 46 | PN-II-RU-TE-2012-3-0052 | Tesileanu | Ovidiu | Institutul National de Cercetare-Dezvoltare pentru Fizica și Inginerie Nucleară "Horia Hulubei" (IFIN-HH) | Jeturi stelare și extragalactice în contextul astrofizicii atomice și nucleare | Stellar and Extragalactic Jets in the Context of Atomic and Nuclear Astrophysics | Fizica | PE9_6 | Stars and stellar systems |
| 47 | PN-II-RU-TE-2012-3-0053 | TIRON | LAURA | National Institute of Marine Geology and Geoecology (GEOCOMAR Bucharest) | Impactul activității umane asupra fluxurilor lichide și solide și consecințele hidro-geomorfologice asupra deltei Dunării (România) | Impact of the human activity to the flow and sediment regime and its hydro-geomorphological consequences in the Danube Delta (Romania) | Științele pământului | PE10_17 | Hydrology, water and soil pollution |
| 48 | PN-II-RU-TE-2012-3-0054 | GHISA | CIPRIAN | Babes-Bolyai University, Cluj-Napoca, Faculty of Greek-Catholic Theology | Influențele catolicismului latin occidental asupra Bisericii Greco-Catolice din România în perioada interbelică | The Influences of the Western Latin Catholicism on the Greek-Catholic Church in Romania in the interwar period | Științe umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 49 | PN-II-RU-TE-2012-3-0055 | Voicescu | Mariana | Institute of Physical Chemistry "Ilie Murgulescu" of the Romanian Academy | Sisteme Flavona-Proteina Implicate în Stresul Oxidativ Investigate prin Metode Spectroscopice Avansate | Flavone-Protein Systems Involved in Oxidative Stress Probed by Advanced Spectroscopic Methods | Biologie și Ecologie | LS1_6 | Biophysics |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|---|--|----------------------|--------|---|
| 50 | PN-II-RU-TE-2012-3-0056 | Mitroiu | Simona | Universitatea "Alexandru Ioan Cuza" din Iasi | Institutionalizarea memoriei. De la colectia privata la biblioteca publica | Institutionalization of the Memory. From Private Book Collection to Public Library | Stiinte umaniste | SH5_11 | Cultural studies, cultural diversity |
| 51 | PN-II-RU-TE-2012-3-0057 | Mitroiu | Mircea-Dan | Universitatea "Alexandru Ioan Cuza" din Iasi | Parazitoizii mustelor sinantropice: metode avansate de identificare folosind o abordare integrata | Parasitoids of synanthropic flies: advanced identification methods using an integrated approach | Biologie si Ecologie | LS8_4 | Biodiversity, comparative biology |
| 52 | PN-II-RU-TE-2012-3-0058 | Enache | Mirela | Institute of Physical Chemistry Ilie Murgulescu of Romanian Academy | Interactii moleculare intre medicamente antitumorale si liposomi conventionali si archaeosomi | Molecular interactions between some antitumor drugs and conventional liposomes and archaeosomes | Chimie | PE4_1 | Physical chemistry |
| 53 | PN-II-RU-TE-2012-3-0059 | ZECHERU | TEODORA | SCIENTIFIC RESEARCH CENTER FOR CBRN DEFENSE AND ECOLOGY | SINTEZA SI CARACTERIZAREA UNOR NOI MATERIALE HIBRIDE INTELIGENTE CU APLICATII SPECIALE | SYNTHESIS AND CHARACTERIZATION OF NEW INTELLIGENT HYBRID MATERIALS FOR SPECIAL APPLICATIONS | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 54 | PN-II-RU-TE-2012-3-0060 | mereuta | Ioredana | Alexandru Ioan Cuza University | Mecanisme de internalizare membranara a unor noi peptide antimicrobiene si posibilitatea utilizarii lor ca peptide antimicrobiene internalizate | Membrane uptake of de novo designed arginine-rich antimicrobial peptides, and prospects for using them as cell-internalized antimicrobials | Biologie si Ecologie | LS1_6 | Biophysics |
| 55 | PN-II-RU-TE-2012-3-0061 | Cojocar | Bogdan Eugen | University of Bucharest | NOI CATALIZATORI NANO PENTRU EPOXIDAREA CATALITICA A ULEIURILOR VEGETALE | NEW NANO-BASED CATALYSTS FOR THE HETEROGENEOUS CATALYTIC EPOXIDATION OF VEGETABLE OILS | Chimie | PE5_18 | Homogeneous and heterogeneous catalysis |
| 56 | PN-II-RU-TE-2012-3-0062 | Iancu | Mihaela-Hilda | Babes-Bolyai University | Algoritmi de control distribuit pentru sisteme de dimensiuni mari | Distributed control algorithms for large-scale systems | Stiinte ingineresti | PE8_10 | Production technology, process engineering |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|---|--|--|----------------------|---------|---|
| 57 | PN-II-RU-TE-2012-3-0063 | Tenea | Gabriela | Microbial Biotechnology Centre | Generarea unui substrat de recombinare pentru investigarea rolului proteinelor de interactie ale cromatinei in transformarea genetica sigene targeting | Generation of a recombinogenic matrix to investigate the role of chromatin interacting proteins in genetic transformation and gene targeting | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 58 | PN-II-RU-TE-2012-3-0064 | Asandei | Alina | Alexandru Ioan Cuza University | O noua abordare a interaciunilor 'molecule mici-ioni metalici' utilizabile in terapia cancerului si a bolilor neurodegenerative | A new approach of the interactions between 'small molecules-metal ions' useful in cancer and neurodegenerative diseases therapy | Biologie si Ecologie | LS1_6 | Biophysics |
| 59 | PN-II-RU-TE-2012-3-0065 | popa | cosmin | University Politehnica of Bucharest | Sinteza si optimizarea performantelor structurilor multifunctionale VLSI CMOS de joasa tensiune si mica putere pentru procesarea analogica de semnal | Synthesis and Performances Optimization of Low-Voltage Low-Power VLSI CMOS Multifunctional Structures for Analog Signal Processing | Stiinte ingineresti | PE7_5 | Micro- and nanoelectronics, optoelectronics |
| 60 | PN-II-RU-TE-2012-3-0066 | CORMOS | Ana-Maria | Babes-Bolyai University, Faculty of Chemistry and Chemical Engineering | Evaluarea tehnico-economica si de impact asupra mediului a procesului de captare a CO2 din sectorul energetic prin analiza dinamica si part-load | Integrated assessment of techno-economical and environmental aspects for carbon capture process in power plants using dynamic and part-load analysis | Stiinte ingineresti | PE8_10 | Production technology, process engineering |
| 61 | PN-II-RU-TE-2012-3-0067 | Peptu | Catalina Anisoara | Gheorghe Asachi Technical University of Iasi | NANOPARTICULE DUBLU RETICULATE PE BAZA DE POLIZAHARIDE PENTRU TINTIREA ACTIVA SI PASIVA A TUMORILOR MALIGNNE | DOUBLE CROSSLINKED NANOPARTICLES BASED ON POLYSACCHARIDES FOR PASSIVE AND ACTIVE TARGETING OF MALIGN TUMORS | Stiinta materialelor | PE5_11 | Biomaterials synthesis |
| 62 | PN-II-RU-TE-2012-3-0068 | Paraschiv | Simona | National Institute for Infectious Diseases 'Matei Bals' | Studiul epidemiologic si filogenetic al raspandirii HIV la persoanele utilizatoare de droguri injectabile in Romania | Epidemiological and phylogenetical aspects of a HIV outbreak in IVDUs in Romania | Medicina | LS7_10 | Public health and epidemiology |
| 63 | PN-II-RU-TE-2012-3-0069 | Barzoi | Sorin Constantin | Universitatea din Bucuresti (University of Bucharest / Faculty of Geology and Geophysics) | Calibrarea unui nou geotermometru pentru rocile metamorfice de grad scăzut până la ridicat, având la baza cristalinitatea grafitului și strain-ul | Empirical calibration of a new geothermometer based on graphite crystallinity and strain in low- to high-grade metamorphic rocks | Stiintele pamantului | PE10_10 | Mineralogy, petrology, igneous petrology, metamorphic petrology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|--|---|--|------------------------------|--------|---|
| 64 | PN-II-RU-TE-2012-3-0070 | NEDELCU | MIHAI | Technical University of Cluj-Napoca | Analiza teoretica si experimentală a vibrațiilor la construcții civile | Theoretical and Experimental Vibration Analysis of Civil Engineering Structures | Științe ingineresti | PE8_3 | Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment |
| 65 | PN-II-RU-TE-2012-3-0071 | Horobet | Alexandra Lavinia | Bucharest University of Economic Studies | Riscul suveran, fragilitățile financiare și incertitudinea economică: Implicații pentru politicile economice pe piețele emergente | Sovereign Risk, Financial Fragilities and Economic Uncertainty: Implications for Economic Policies in Emerging Markets | Științe sociale și economice | SH1_4 | Financial markets, banking and corporate finance |
| 66 | PN-II-RU-TE-2012-3-0072 | Buica | George-Octavian | University Politehnica of Bucharest | ELECTROZI MODIFICAȚI CHIMIC CU FILME POLIMERICE COMPLEXANTE PE BAZA DE DERIVATI DE AZULENA PENTRU ELECTROANALIZA DE IONI METALICI | CHEMICALLY MODIFIED ELECTRODES WITH COMPLEXING POLYMERIC FILMS BASED ON AZULENE DERIVATIVES FOR METAL IONS ELECTROANALYSIS | Chimie | PE4_9 | Electrochemistry, electroanalysis, microfluidics |
| 67 | PN-II-RU-TE-2012-3-0073 | Florea | Silvia | Lucian Blaga University of Sibiu | Dezvoltarea unei scheme de împrumut pentru studenți în România: o perspectivă sociologică, culturală și economică | Developing a Student Loan Scheme in Romania: a Sociological, Cultural and Economic Perspective | Științe umaniste | SH5_11 | Cultural studies, cultural diversity |
| 68 | PN-II-RU-TE-2012-3-0074 | LILIANA | TARTAU | UNIVERSITY OF MEDICINE AND PHARMACY GRIGORE T. POPA - IASI | INFLUENȚAREA FARMACOLOGICĂ A NOCICEPȚIEI ȘI A COMPORTAMENTULUI SPONTAN PRIN NANO-FORMULĂRI PE BAZĂ DE METALE | PHARMACOLOGIC INFLUENCE OF NOCICEPTION AND SPONTAN BEHAVIOUR THROUGH NEW METAL-BASED NANO-FORMULATIONS | Biologie și Ecologie | LS5_5 | Mechanisms of pain |
| 69 | PN-II-RU-TE-2012-3-0075 | Costea | Serban Mihai | Institute of Mathematics of the Romanian Academy | Spații și capacități Sobolev-Lorentz în cadrul metric | Sobolev-Lorentz spaces and capacities in the metric setting | Matematica și Informatică | PE1_8 | Analysis |
| 70 | PN-II-RU-TE-2012-3-0076 | Bogdan | Aman | Academia Romana - Filiala Iasi | Modelare Formală și Analiză Cantitativă a Sistemelor Dinamice | Formal Modelling and Quantitative Analysis of Distributed Systems | Matematica și Informatică | PE6_3 | Formal methods |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---------------------------------------|---|---|--|--------|---------------------------------|
| 71 | PN-II-RU-TE-2012-3-0077 | Preda | Sinziana | West University of Timișoara | Patrimoniu cultural și dinamici identitare în comunitatea turco-tătară din Dobrogea | Cultural heritage and identity dynamics in the Turkish Tatar community from Dobroudja | Științe umaniste | SH6_12 | Cultural heritage |
| 72 | PN-II-RU-TE-2012-3-0078 | Cusco | Andrei | Al.I. Cuza University, Iasi | Viziuni și percepții ale României în discursul imperial și în cercurile intelectuale ruse la sfârșitul secolului XIX și începutul secolului XX | Vision and Perceptions of Romania in the Russian Imperial Discourse and Public Sphere in the Late 19th and Early 20th Century | Științe umaniste | SH6_5 | Modern and contemporary history |
| 73 | PN-II-RU-TE-2012-3-0079 | Ionescu | Bogdan Emanuel | University "Politehnica" of Bucharest | Explorarea Continutului Semantic pentru Categorizare Video Multimodala la Scara Larga | Human-Centered Knowledge Discovery for Large-Scale Multimodal Video Categorization | Matematica și Informatică | PE6_11 | Multimedia |
| 74 | PN-II-RU-TE-2012-3-0080 | CASONI | DORINA | Babes-Bolyai University | Activitatea antioxidantă și lipofilitatea medicamentelor adrenergice și a compusilor congenerici evaluate prin metode analitice și chemometrice | Antioxidant activity and lipophilicity of adrenergic drugs and congeneric compounds evaluated by different analytical and chemometric methods | Chimie | PE4_6 | Analytical chemistry |
| 75 | PN-II-RU-TE-2012-3-0081 | HOLOM | ELENA-CRINELA | BABES-BOLYAI UNIVERSITY | ALTERITATE FEMININĂ ÎN TRANSILVANIA SECOLULUI AL XIX-LEA | FEMININE ALTERITY IN NINETEENTH CENTURY TRANSYLVANIA | Științe umaniste | SH6_5 | Modern and contemporary history |
| 76 | PN-II-RU-TE-2012-3-0082 | Nascu-Briciu | Rodica Domnica | Babes-Bolyai University | Evaluarea comparativă a lipofilității, activității antioxidante și amprentării diferitelor uleiuri și grăsimi prin metode chemometrice avansate | Comparative evaluation of lipophilicity, antioxidant activity, and fingerprinting of various oils and fats by means of advanced chemometric methods | Științele vieții aplicate și Biotehnologii | LS9_6 | Food sciences |
| 77 | PN-II-RU-TE-2012-3-0083 | Radu | Teodora | Babes Bolyai University | Noi biomateriale vitroase și vitroceramice dopate cu Cu pentru creșterea eficienței la înghețarea a țesuturilor moi și dure în terapia prin criogenie | New glasses and glass ceramic biomaterials doped with Cu for increasing freezing efficiency in soft and hard tissues in cryosurgery | Știința materialelor | PE5_11 | Biomaterials synthesis |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|--------------------|--|--|--|--|--------|--|
| 78 | PN-II-RU-TE-2012-3-0084 | Pirici | Nicolae Daniel | University of Medicine and Pharmacy of Craiova | STUDIUL LEGATURII ETIOPATOGENICE DINTRE PLACILE DE AMILOID SI VASELE DE SANGE IN CAZURI SPORADICE DE BOALA ALZHEIMER | ASSESSMENT OF THE ETIOPATHOGENIC CONNECTION BETWEEN AMYLOID PLAQUES AND BLOOD VESSELS IN SPORADIC CASES OF ALZHEIMER'S DISEASE | Biologie si Ecologie | LS5_11 | Neurological disorders (e.g. Alzheimer's disease, Huntington's disease, Parkinson's disease) |
| 79 | PN-II-RU-TE-2012-3-0085 | Gabriel | Samașca | "IULIU HATIEGANU" UNIVERSITY OF MEDICINE AND PHARMACY | Boala celiaca accelereaza procesele de imbatrinire? | Celiac disease accelerates the aging process? | Biologie si Ecologie | LS4_4 | Ageing |
| 80 | PN-II-RU-TE-2012-3-0086 | Marin | Daniela | National Institute for Research and Development in Animal Biology and Nutrition | Rolul ochratoxinei A in declansarea nefropatiei endemice balcanice prin utilizarea porcului ca model animal | Role of ochratoxin A in triggering the Balkanic endemic nephropathy using pig as animal model | Stiintele vietii aplicate si Biotehnologii | LS9_11 | Biohazards, biological containment, biosafety, biosecurity |
| 81 | PN-II-RU-TE-2012-3-0088 | Codină | Georgiana Gabriela | Universitatea Ștefan cel Mare Suceava | Utilizarea făinurilor compozite în panificație. Aspecte biochimice, reologice și tehnologice | Using composite flours in bakery. Biochemical, rheological and technological aspects | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 82 | PN-II-RU-TE-2012-3-0089 | Gog | Adriana | National Institute of Research & Development for Optoelectronics - INOE2000, Research Institute for Analytical Instrumentation Cluj-Napoca | OBȚINEREA DE BIODIESEL DIN ALGE UTILIZABILE PENTRU TRATAREA APELOR UZATE DIN FERME DE PUI | PRODUCTION OF BIODIESEL FROM ALGAE THAT CAN BE USED FOR THE PHYCOREMEDIATION OF POULTRY WASTEWATERS | Stiintele vietii aplicate si Biotehnologii | LS9_8 | Environmental biotechnology, bioremediation, biodegradation |
| 83 | PN-II-RU-TE-2012-3-0090 | Cianga | Petru | University of Medicine and Pharmacy "Gr. T. Popa" - Iasi | FcRn uman - expresie si factori reglatori | Human FcRn - expression and regulating factors | Biologie si Ecologie | LS3_2 | Cell biology and molecular transport mechanisms |
| 84 | PN-II-RU-TE-2012-3-0091 | Crismareanu | Florin | Universitatea "Alexandru Ioan Cuza" din Iași | Scientia divina: intre exemplarismul dionisian si esentialismul augustinian | Scientia divina: between the Dionysian exemplarism and the Augustinian essentialism | Stiinte umaniste | SH4_10 | Philosophy, history of philosophy |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|--|--------|---|
| 85 | PN-II-RU-TE-2012-3-0092 | Nicolae | Corcionivoschi | Universitatea de Stiinte Agricole si Medicina Veterinara a Banatului Timisoara | Rolul bacteriilor probiotice in prevenirea colonizarii cu Campylobacter jejuni a pasarilor de ferma | The role of probiotic bacteria in preventing Campylobacter jejuni colonization of poultry | Stiintele vietii aplicate si Biotehnologii | LS9_3 | Agriculture related to animal husbandry, dairying, livestock raising |
| 86 | PN-II-RU-TE-2012-3-0093 | BOGDAN | DIANA-SPERANTA | National Institute for Research and Development of Isotopic and Molecular Technologies | Mecanisme de autoasamblare ale aminoacizilor pe suprafete de argint, investigate prin calcul DFT | Amino acids self-assembly mechanisms on silver surfaces via DFT calculations | Chimie | PE4_15 | Theoretical and computational chemistry |
| 87 | PN-II-RU-TE-2012-3-0094 | Biró | Annamária | Transylvanian Museum Society | Practici de scriitura si cercuri relationale la elitele stiintifice si politice din Transilvania. Secolele 18-19 | Writing Habits and Social Networks of Scientific and Political Elite in Transylvania. 18th-19th Century | Stiinte umaniste | SH5_11 | Cultural studies, cultural diversity |
| 88 | PN-II-RU-TE-2012-3-0095 | Topala | Ionut | Universitatea "Alexandru Ioan Cuza" din Iasi | Plasme pulsate in domeniul nanosecundelor pentru industria alimentara: noi aspecte cu privire la mecanismele interfaciale | Atmospheric pressure nanosecond pulsed plasmas for food industry: new insights into interfacial mechanisms | Fizica | PE2_5 | Gas and plasma physics |
| 89 | PN-II-RU-TE-2012-3-0096 | Predoana | Luminita | Ilie Murgulescu Institute of Physical Chemistry, Romanian Academy | Sinteza oxizilor metalici complecsi prin metoda sol-gel, ruta apoasa, nepoluanta pentru mediu | Environmental-friendly aqueous sol-gel synthesis of complex metallic oxides | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 90 | PN-II-RU-TE-2012-3-0097 | stefan | ciornei | University of Agricultural Sciences and Veterinary Medicine | Încărcătura materialului seminal de vier în funghi, și evaluarea calității acestuia. | The load of boar semen in fungi, and its quality assessment. | Medicina | LS6_13 | Veterinary medicine |
| 91 | PN-II-RU-TE-2012-3-0098 | Sevastre | Bogdan | University of Agricultural Science and Veterinary Medicine Cluj | Identificarea de noi markeri de malignitate în tumorile melanocitare canine și evaluarea utilității acestora în terapie | Identification of new malignancy markers in dog melanocytic tumors, and their possible application in targeted therapy | Medicina | LS6_13 | Veterinary medicine |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|------------------------------|-------|---|
| 92 | PN-II-RU-TE-2012-3-0099 | Bostenaru Dan | Maria | Universitatea de Arhitectura si Urbanism "Ion Mincu" | Clădiri din beton armat de secol XX timpurii sub amenințare seismică. Elemente strategice în structura urbană și constructivă: morfologie și economie. | Early 20th century reinforced concrete buildings under seismic threat. Strategic elements in urban and construction structure: morphology and economy. | Stiinte ingineresti | PE8_3 | Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment |
| 93 | PN-II-RU-TE-2012-3-0100 | Ghisa | Lucian | "Gheorghe Dima" Music Academy | Abordarea integrativă a contribuțiilor muzicologice, componistice și pedagogice ale lui Marțian Negrea | Integrative Approach of Marțian Negrea's Musicological, Compositional and Pedagogic Contributions | Stiinte umaniste | SH5_9 | Music and musicology, history of music |
| 94 | PN-II-RU-TE-2012-3-0101 | Iliescu | Dragos | University of Bucharest, Faculty of Psychology and Educational Science | Inteligenta Emotionala si Sanatate Ocupationala (Efecte si Interventii) | Emotional Intelligence and Occupational Health (Effects and Interventions) | Stiinte sociale si economice | SH1_8 | Human resource management, employment and earnings |
| 95 | PN-II-RU-TE-2012-3-0102 | Stef | Marius | West University of Timisoara | Influenta ionilor de Na+ asupra proprietatilor spectroscopice ale cristalelor de BaF2 dopate cu YbF3 | Influence of Na+ ions on the spectroscopic properties of YbF3 doped BaF2 crystals | Stiinta materialelor | PE5_2 | Solid state materials |
| 96 | PN-II-RU-TE-2012-3-0103 | Radac | Mircea-Bogdan | Universitatea Politehnica din Timisoara | Algoritmi iterativi pentru acordarea bazata pe experimente a reguletoarelor automate tinand seama de restrictii | Iterative algorithms for constrained data-based controller tuning | Stiinte ingineresti | PE7_1 | Control engineering |
| 97 | PN-II-RU-TE-2012-3-0104 | Niculescu | Loredan Stefan | Institute of Cellular Biology and Pathology Nicolae Simionescu | Strategii moleculare de reversare a procesului aterosclerotic; modularea efluxului de colesterol prin secretia apoE din macrofage incarcate cu lipide | Molecular strategies for the reversal of atherosclerotic process; modulation of cholesterol efflux by apoE secretion from lipid-loaded macrophages | Biologie si Ecologie | LS3_2 | Cell biology and molecular transport mechanisms |
| 98 | PN-II-RU-TE-2012-3-0105 | Ana Victoria | Sima | Babeș-Bolyai University, Cluj-Napoca | Religia Razboiului. Trairi, atitudini si comportament la romanii transilvaneni in timpul Primului razboi mondial | The Religion of War. The Beliefs, Experiences and Conduct of the Transylvanian Romanians during the Great War | Stiinte umaniste | SH6_5 | Modern and contemporary history |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Compentia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|---|---|---|--------|---|
| 99 | PN-II-RU-TE-2012-3-0106 | Stanciu | Rares | Romanian Academy - Timisoara Branch | Controlul Adaptiv cu Jeturi Pulsante al Curgerii Decelerate cu Rotatie | Decelerated Swirling Flow Adaptive Control using Pulsating Water Jets | Stiinte ingineresti | PE8_5 | Fluid mechanics, hydraulic, turbo-, and piston engines |
| 100 | PN-II-RU-TE-2012-3-0107 | Cernescu | Anghel | Politehnica University of Timisoara | Viteza de delaminare la oboseala a materialelor compozite la solicitari mixte cu amplitudine variabila | Fatigue delamination growth rates of composites under variable amplitude mixed mode loadings | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 101 | PN-II-RU-TE-2012-3-0108 | CATALINA | Tiberiu | Technical University of Civil Engineering Bucharest | Optimizarea Calitatii Mediului Interior si a Eficientei Energetice in cladirile educationale folosind o metoda decizionala multi-criteriu | Optimization of Indoor Environmental Quality & Energy Efficiency in educational facilities using a multi-criteria decision approach | Stiinte ingineresti | PE8_3 | Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment |
| 102 | PN-II-RU-TE-2012-3-0109 | Szanto | Csaba Lehel | Universitatea Babes-Bolyai Cluj-Napoca | Reprezentari de tolbe aciclice si grupuri finite | Representations of acyclic quivers and finite groups | Matematica si Informatica | PE1_2 | Algebra |
| 103 | PN-II-RU-TE-2012-3-0110 | Zbancioc | Gheorghita | Alexandru Ioan Cuza University | Noi materiale cu schelet azaheterociclic pentru potentiale aplicatii practice | New materials with azaheterocyclic skeleton for potential practical applications | Chimie | PE5_23 | Organic chemistry |
| 104 | PN-II-RU-TE-2012-3-0111 | Vodnar | Dan Cristian | University of Agricultural Sciences and Veterinary Medicine Cluj Napoca | Căi fermentative bazate pe producția de compuși organici valoroși din glicerol brut de biodiesel. | FERMENTATION ROUTES BASED ON VALUABLE ORGANIC CHEMICALS PRODUCTION FROM BIODIESEL CRUDE GLYCEROL. | Stiintele vietii aplicate si Biotehnoologii | LS9_9 | Biotechnology, bioreactors, applied microbiology |
| 105 | PN-II-RU-TE-2012-3-0112 | CADAR | OANA-ALINA | National Institute of Research and Development for Optoelectronics - INOE2000, Research Institute for Analytical Chemistry Cluj | STUDIUL AMBALAJELOR ALIMENTARE BIODEGRADABILE DIN RESURSE REGENERABILE | STUDY OF BIODEGRADABLE FOOD PACKAGING FROM RENEWABLE RESOURCES | Stiintele vietii aplicate si Biotehnoologii | LS9_8 | Environmental biotechnology, bioremediation, biodegradation |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|---------------------------|--------|---|
| 106 | PN-II-RU-TE-2012-3-0113 | Mihai | Marcela | "Petru Poni" Institute of Macromolecular Chemistry | Dezvoltarea de noi sisteme de eliberare controlată a medicamentelor pe bază de complecși polielectrolitici sensibili la pH | Development of novel controlled drug delivery systems based on pH responsive polyelectrolyte complexes | Stiinta materialelor | PE5_12 | Intelligent materials - self assembled materials |
| 107 | PN-II-RU-TE-2012-3-0114 | Danac | Ramona | "Alexandru Ioan Cuza" University of Iași | Noi calixarene avand heterocili si eteri aza-coroana grefati la rama inferioara: sinteza, proprietati, aplicatii | New Calixarenes Bearing Heterocycles and Azacrowns at the Lower Rim: Syntheses, Properties, Applications | Chimie | PE5_23 | Organic chemistry |
| 108 | PN-II-RU-TE-2012-3-0115 | PURCAR | VIOLETA | National Research and Development Institute for Chemistry and Petrochemistry | Sinteza de filme hibride super-hidrofobe prin procesul sol-gel utilizand nano-particule modificate hidrofobic | Synthesis of super-hydrophobic hybrid films by sol-gel process using hydrophobic modified nano-particles | Stiinta materialelor | PE5_4 | Thin films |
| 109 | PN-II-RU-TE-2012-3-0116 | Angheluta | Anamaria | Petru Poni Institute of Macromolecular Chemistry | Cuplarea nanoparticulelor magnetice cu substante biologice active pentru aplicatii in transportul de medicamente | Magnetic nanoparticles coupled with bioactive compounds for drug delivery methods | Stiinta materialelor | PE5_11 | Biomaterials synthesis |
| 110 | PN-II-RU-TE-2012-3-0117 | Madalin Iancu | Enache | Institute of Biology Bucharest of the Romanian Academy | Halofile din medii saline din zonele Carpatilor de sud: biogeochimie in relatie cu biodiversitate neasteptata si bionanotehnologie | Halophiles in saline environments from southern Carpathian areas: biogeochemistry in relation with unexpected biodiversity and bionanotechnology | Stiintele pamantului | PE10_9 | Biogeochemistry, biogeochemical cycles, environmental chemistry |
| 111 | PN-II-RU-TE-2012-3-0118 | Marcoci | Liviu Gabriel | "Simion Stoilow" Institute of Mathematics of the Romanian Academy | O versiune matriceala a analizei armonice clasice | A matrix version of the classical harmonic analysis | Matematica si Informatica | PE1_9 | Operator algebras and functional analysis |
| 112 | PN-II-RU-TE-2012-3-0119 | Dudu | Andreea | University of Bucharest | Caracterizarea moleculara a pastrugii din Dunarea Inferioara in scopul conservarii diversitatii genetice | Molecular characterization of stellate sturgeon from the Lower Danube in view of preserving its genetic diversity | Biologie si Ecologie | LS8_2 | Population biology, population dynamics, population genetics, plant-animal interactions |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|------------------|------------------|---|---|--|----------------------|---------|---|
| 113 | PN-II-RU-TE-2012-3-0120 | Dorina | Simedru | National Institute of Research and Development for Optoelectronics - INOE2000, Research Institute for Analytical Instrumentation Cluj | Metode cromatografice avansate pentru determinarea gradului de poluare al apei cu produse farmaceutice si produse de ingrijire personala | Advanced chromatographic methods for determining water contamination degree with pharmaceuticals and personal care products | Stiintele pamantului | PE10_17 | Hydrology, water and soil pollution |
| 114 | PN-II-RU-TE-2012-3-0121 | Osiac | Mariana | University of Craiova | Dinamica plasmelor de ablatie si proprietati de cristalizare ale materialelor calcogenice de tip GeSb2Te4 obtinute prin depunere pulsata laser. | Plasma plume dynamics and crystallization properties of doped GeSb2Te4 materials obtained by pulsed laser deposition. | Stiinta materialelor | PE5_4 | Thin films |
| 115 | PN-II-RU-TE-2012-3-0122 | Claudiu Cristian | Botar | Babes-Bolyai University | Investigare asupra unui sistem integrat de tip combustie-reformare catalitica pentru reducerea emisiilor de NOx la temperatura joasa | Investigation on the combustion-reformer integrated system for low noxious emissions at low temperature | Stiinte ingineresti | PE8_2 | Chemical engineering, technical chemistry |
| 116 | PN-II-RU-TE-2012-3-0123 | Serbezeanu | Diana | "Petru Poni" Institute of Macromolecular Chemistry | Polimeri ce contin fosfor pentru materiale inalt performante utilizate in tehnologii avansate si/sau aplicatii biomedicale | Phosphorus-containing polymers for high performance materials used in advanced technologies and/or biomedical applications | Chimie | PE5_21 | Polymer chemistry |
| 117 | PN-II-RU-TE-2012-3-0124 | Mihaela | Avadanei | Petru Poni Institute of Macromolecular Chemistry | Detectarea modificarilor moleculare ale eritrocitelor in cancerele de san si de prostata si corelarea cu evolutia si toxicitatea chimioterapica | Detection of erythrocyte molecular changes in breast and prostate cancer and correlation with evolution and blood chemotherapy toxicity | Fizica | PE3_19 | Biophysics |
| 118 | PN-II-RU-TE-2012-3-0125 | Bizo | Liliana | Babes-Bolyai University | Noi oxizi conductori transparenti (TCOs) cu structura de tip M7O12 fluorina deficitara in oxigen: sinteza si proprietati structurale si fizice. | Novel transparent conducting oxides (TCOs) with M7O12 oxygen-deficient fluorite-type structure: synthesis, structural and physical properties. | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 119 | PN-II-RU-TE-2012-3-0126 | Miclaus | Mihai | National Institute of Research and Development for Biological Sciences, Institute of Biological Research Cluj-Napoca | Filogenia moleculara a genului Silene in Europa si taxonomia revizuita a unor specii ale acestuia, endemice pentru Romania | A molecular phylogeny of the genus Silene in Europe and revised taxonomy for some of its Romanian endemic species | Biologie si Ecologie | LS8_3 | Systems eEvolution, biological adaptation, phylogenetics, systematics |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|--|--------|---|
| 120 | PN-II-RU-TE-2012-3-0127 | UNGUREANU | Georgeta-Mihaela | Politehnica University of Bucharest | Prelucrari si analize avansate de biosemnale in identificarea conectivitatii cerebrale instantanee si cauzale | Advanced biosignal processing and data analysis to identify the instantaneous and causal connectivity of the brain | Stiinte ingineresti | PE7_7 | Signal processing |
| 121 | PN-II-RU-TE-2012-3-0128 | Gurgu | Leontina | DUNAREA DE JOS UNIVERSITY, GALATI | Studii privind obținerea și caracterizarea de inulinază fungică cu potențiale aplicații în industria alimentară | Research on production and characterization of fungal inulinase with potential applications in food industry | Stiintele vietii aplicate si Biotehnologii | LS9_9 | Biotechnology, bioreactors, applied microbiology |
| 122 | PN-II-RU-TE-2012-3-0129 | Stegarescu | Olimpia-Adina | Babes-Bolyai University | COMPUSI ORGANOMETALICI AI STANIULUI CU COORDINARE INTRAMOLECULARA - SINTEZA, CARACTERIZARE, REACTIVITATE | ORGANOMETALLIC TIN COMPOUNDS WITH INTRAMOLECULAR COORDINATION- SYNTHESIS, CHARACTERISATION AND REACTIVITY | Chimie | PE5_14 | Coordination chemistry |
| 123 | PN-II-RU-TE-2012-3-0130 | Boros Balint | Iuliana | Universitatea Babes-Bolyai | Importanța și rolul activităților fizice/sportive in dinamica integrării socio-educative a copiilor instituționalizați | The importance and the role of physical activities and sports in the dynamics of socio-educational integration of institutionalised children | Stiinte umaniste | SH5_6 | Performing arts |
| 124 | PN-II-RU-TE-2012-3-0131 | TOMUTA | Ioan | Iuliu Hatieganu University of Medicine and Pharmacy, Cluj-Napoca | Metode NIR-chemometrice pentru monitorizarea procesului tehnologic de preparare a unui medicament cu cedare sustinuta dezvoltat uilizand conceptul QbD | NIR-chemometric methods for monitoring the technological process of a sustained-release product developed using QbD approach. | Medicina | LS7_3 | Pharmacology, pharmacogenomics, drug discovery and design, drug therapy |
| 125 | PN-II-RU-TE-2012-3-0132 | CMECIU | CAMELIA-MIHAELA | Danubius University of Galati | Social media - mijloace de a construi identitati politice in timpul campaniilor parlamentare si prezidentiale din Romania | Social media – means of building political identities during parliamentary and presidential elections in Romania | Stiinte sociale si economice | SH2_12 | Communication networks, media, information society |
| 126 | PN-II-RU-TE-2012-3-0133 | Ciolacu | Diana Elena | PETRU PONI Institute of Macromolecular Chemistry | NOI MATERIALE MULTIFUNȚIONALE REALIZATE DIN NANOCELULOZE SI MATRICI HIDROFILE/HIDROFOBE CU APLICATII IN DOMENIUL MEDICAL SI AL AMBALAJELOR | NEW MULTIFUNCTIONAL MATERIALS BASED ON NANOCELLULOSES AND HYDROPHILIC/HYDROPHOBIC MATRICES WITH APPLICATIONS IN MEDICAL AND PACKAGING FIELDS | Stiinta materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|-----------------|------------------|---|---|--|------------------------------|---------|---|
| 127 | PN-II-RU-TE-2012-3-0134 | Micea | Mihai | UNIVERSITATEA POLITEHNICA DIN TIMISOARA | TEEFIOS: Cadru pentru inter-operare eficienta energetica si temporala a dispozitivelor cu inteligenta incorporata | TEEFIOS: Time and Energy Efficient Framework for Inter-Operation of Smart devices | Stiinte ingineresti | PE7_8 | Networks |
| 128 | PN-II-RU-TE-2012-3-0135 | Bălaș (Balaban) | Delia Cristina | Babeș-Bolyai University | Cadre mediatică în sfera publică românească. Compararea credibilității mesajului media online și offline | Media Frames in Romanian Public Sphere. Comparing the Credibility of Online and Offline Media Message | Stiinte sociale si economice | SH2_12 | Communication networks, media, information society |
| 129 | PN-II-RU-TE-2012-3-0136 | Ofiteru | Irina Dana | University Politehnica of Bucharest | Dinamica populatiei de Escherichia coli transformata pentru a exprima proteina heterologa S-layer din archea | Dynamics of Escherichia coli population transformed to express archeal heterologous protein S-layer | Stiinte ingineresti | PE8_2 | Chemical engineering, technical chemistry |
| 130 | PN-II-RU-TE-2012-3-0137 | Lupan | Alexandru | Babes-Bolyai University | Polimetalaborani: intermediari intre borani poliedrali si clusteri metalici | Polymetalaboranes: Intermediates Between Polyhedral Boranes and Metal Clusters | Chimie | PE4_15 | Theoretical and computational chemistry |
| 131 | PN-II-RU-TE-2012-3-0138 | Alexandru | Nedelea | University of Bucharest | Evaluarea si monitorizarea proceselor geomorfologice actuale care afecteaza infrastructura din spatiul montan intre Valea Prahovei si Valea Oltului | Assessing and monitoring the current geomorphological processes affecting the infrastructure in the mountain space stretching between the Prahova Vall | Stiintele pamantului | PE10_13 | Physical geography |
| 132 | PN-II-RU-TE-2012-3-0139 | Vasile | Bîrzu | "LUCIAN BLAGA" University | Neuroteologie patristica si filocalica | Patristic and Philokalic Neurotheology | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 133 | PN-II-RU-TE-2012-3-0140 | Jeong | Pangyu | Technical University of Cluj-Napoca | Modelare Probabilistica Avansata si Procesare Eficienta a Datelor Percepute din Mediu pentru Navigarea Autonoma a Robotilor Mobili | Advanced Probabilistic Modeling and Efficient Processing of Environment Perceived Data for Mobile Robot Autonomous Navigation | Matematica si Informatica | PE6_4 | Graphics and image processing |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|----------------------|--------|---|
| 134 | PN-II-RU-TE-2012-3-0141 | GURBAN | ANA-MARIA | UNIVERSITY OF BUCHAREST | SENZORI ELECTROCHIMICI BAZATI PE MATERIALE NANOHIBRID PENTRU DETECTIA DE XENOESTROGENI | NANOHYBRID BASED ELECTROCHEMICAL SENSORS FOR XENOESTROGENS DETECTION | Chimie | PE4_6 | Analytical chemistry |
| 135 | PN-II-RU-TE-2012-3-0142 | Vlad-Bubulac | Tachita | Petru Poni Institute of Macromolecular Chemistry | Compusi pe baza de fosfor ca precursori pentru designul si prepararea de materiale polimerice multifunctionale avansate | Phosphorus-based compounds as precursors for design and preparations of advanced multifunctional polymeric materials | Chimie | PE5_20 | Macromolecular chemistry |
| 136 | PN-II-RU-TE-2012-3-0143 | Filimon | Anca | Petru Poni Institute of Macromolecular Chemistry | Biomateriale polimerice de inalta performanta bazate pe polisulfone functionalizate cu aplicatii medicale | High Performance Polymeric Biomaterials Based on Functionalized Polysulfones with Medical Applications | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 137 | PN-II-RU-TE-2012-3-0144 | Fira | Monica | Institute of Computer Science, Romanian Academy, Iasi | METODE DE PRELUCRARE A SEMNALELOR MEDICALE BAZATE PE ACHIZITIA COMPRESATA SI IMPLEMENTARE | MEDICAL SIGNAL PROCESSING METHODS BASED ON COMPRESSED SENSING AND IMPLEMENTATION | Stiinte ingineresti | PE7_7 | Signal processing |
| 138 | PN-II-RU-TE-2012-3-0145 | Surugiu | Victor | Universitatea "Alexandru Ioan Cuza" din Iasi | De unde provin speciile genului Polydora (Polychaeta: Spionidae) în Marea Neagră? Deducții pe baza analizelor moleculare | Where did Polydora spp. (Polychaeta: Spionidae) in the Black Sea come from? Inferences from molecular analyses | Biologie si Ecologie | LS8_2 | Population biology, population dynamics, population genetics, plant-animal interactions |
| 139 | PN-II-RU-TE-2012-3-0146 | Fleaca | Claudiu Teodor | National Institute for Lasers Plasma and Radiation Physics | Suspensii de micromembrane hibride nanostructurate | Hybrid nanostructured micromembrane suspensions | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 140 | PN-II-RU-TE-2012-3-0148 | Preda | Nicoleta | National Institute of Materials Physics | Controlul proprietatilor de udare ale suprafetelor folosind nanostructuri auto-asamblate | Surface wettability control using self-assembled nanostructures | Stiinta materialelor | PE5_3 | Surface modification |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|---|---|--|----------------------|--------|---|
| 141 | PN-II-RU-TE-2012-3-0149 | Rambu | Alicia Petronela | "Alexandru Ioan Cuza" University of Iasi | Fabricarea si caracterizarea unor semiconductori oxidici nanostructurati noi, pentru aplicatii avansate | Fabrication and characterization of novel nanostructured semiconducting oxides for advanced applications | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 142 | PN-II-RU-TE-2012-3-0150 | Curecheriu | Lavinia-Petronela | University Alexandru Ioan Cuza | Investigarea ordinii polare mesoscopice si a efectelor de granulat ce determina mecanismele de polarizare a "tunability" in perovskiti | Investigation of the mesoscopic polar order and size effects in driving polarization mechanisms of tunability in perovskites | Fizica | PE3_13 | Mesoscopic physics |
| 143 | PN-II-RU-TE-2012-3-0151 | Mornos | Cristian | University of Medicine and Pharmacy "Victor Babes" | Imagistica speckle tracking 3D in estimarea remodelarii ventriculului stang si a prognosticului dupa angioplastia primara in infarctul miocardic acut | 3D speckle-tracking imaging for prediction of left ventricular remodeling and prognosis after primary angioplasty in acute myocardial infarction | Medicina | LS7_2 | Diagnostic tools (e.g. genetic, imaging) |
| 144 | PN-II-RU-TE-2012-3-0152 | Rusu | Dan-Radu | "Petru Poni" Institute of Macromolecular Chemistry | Materiale inovative pe baza de polimeri pentru surse de iluminat care emit in culoarea albastru/alb | Innovative polymer-based materials for blue/white lighting sources | Chimie | PE5_20 | Macromolecular chemistry |
| 145 | PN-II-RU-TE-2012-3-0153 | Popescu | Ionel | University of Bucharest | Catalizatori optimizati pe baza de Ni, derivati din precursori LDH, pentru reformarea uscata a metanului | Optimized Ni-based LDH-derived catalysts for dry reforming of methane | Chimie | PE5_18 | Homogeneous and heterogeneous catalysis |
| 146 | PN-II-RU-TE-2012-3-0154 | LAZEA | Ileana-Andrada | National Institute for Lasers, Plasma and Radiation Physics | Sinteza diamantelor utilizand plasma de RF la presiuni ridicate | Diamond synthesis using RF plasma at elevated pressures | Stiinta materialelor | PE5_4 | Thin films |
| 147 | PN-II-RU-TE-2012-3-0155 | Suflet | Mihaela Dana | Petru Poni Institute of Macromolecular Chemistry, Iasi | Micro-/nano-particule/capsule din noi derivati ionici de beta-(1,3)-glucani cu aplicatii medicale si farmaceutice | Micro-/nano-particles/capsules from new ionic beta-(1,3)-glucan derivatives with medical and pharmaceutical applications | Chimie | PE5_20 | Macromolecular chemistry |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|---|------------------------------|--------|--------------------------------------|
| 148 | PN-II-RU-TE-2012-3-0157 | Kiss | Bela | IULIU HATIEGANU UNIVERSITY OF MEDICINE AND PHARMACY, FACULTY OF PHARMACY | POTENTIALUL PERTURBATOR ENDOCRINIAN IN VITRO SI IN VIVO AL UNOR ANTIOXIDANTI SI CONSERVANTI IN CAZ DE EXPUNERE INDIVIDUALA SAU IN AMESTEC | THE IN VITRO AND IN VIVO ENDOCRINE DISRUPTIVE POTENTIAL OF SELECTED ANTIOXIDANTS AND PRESERVATIVES IN CASE OF INDIVIDUAL AND COMBINED EXPOSURE | Medicina | LS7_5 | Toxicology |
| 149 | PN-II-RU-TE-2012-3-0158 | Nita | Mihai Razvan | University of Bucharest | Metodologie integrata de evaluare a amprentei ecologice a suprafetelor rezidentiale din Romania | Integrated methodology for assessing the ecological footprint of residential areas from Romania | Stiinte sociale si economice | SH3_1 | Environment and sustainability |
| 150 | PN-II-RU-TE-2012-3-0159 | Stanciu | Stefan George | Center for Microscopy-Microanalysis and Information Processing, University Politehnica Bucharest | Corelarea datelor de inalta rezolutie obtinute in microscopie si nanoscopie prin tehnici avansate de viziune aritificiala si de integrare a imaginilor | Correlation of high resolution nanoscopy and microscopy data assisted by advanced computer vision and image integration techniques | Stiinte ingineresti | PE7_7 | Signal processing |
| 151 | PN-II-RU-TE-2012-3-0160 | Filipescu | Dan Mihai | National Institute for Physics and Nuclear Engineering - Horia Hulubei | Studiul rezonantelor de fisiune sub-barierica cu ajutorul fasciculelor gama. | Study of sub-barrier fission resonances with gamma beams | Fizica | PE2_3 | Nuclear physics |
| 152 | PN-II-RU-TE-2012-3-0161 | Ichim | Bogdan | "Simion Stoilow" Institute of Mathematics of the Romanian Academy | STUDIUL ALGEBRIC AL UNOR PROBLEME COMBINATORICE SI EXPERIMENTE COMPUTATIONALE ASOCIATE | ALGEBRAIC STUDY OF SOME COMBINATORIAL PROBLEMS AND ASSOCIATED COMPUTATIONAL EXPERIMENTS | Matematica si Informatica | PE1_2 | Algebra |
| 153 | PN-II-RU-TE-2012-3-0162 | Constantin | Marin | "Francisc Rainer" Institute of Anthropology of Romanian Academy | Variabilitatea intra-etnica in Romania: Studiu asupra etno-istoriei si etnografiei grupurilor germanofone de landleri, sasi si svabi | Intra-ethnic Variability in Romania: A Study in the Ethno-history and Ethnography of the German-speaking Groups of Landlers, Saxons, and Swabians | Stiinte umaniste | SH5_11 | Cultural studies, cultural diversity |
| 154 | PN-II-RU-TE-2012-3-0163 | Oprescu | Florin | Babes-Bolyai Cluj Napoca | Dezvoltarea unui sistem integrat pentru evaluarea accidentelor suferite in casa de catre copii si propunerea unor strategii de preventie | Developing an integrated surveillance system and prevention strategies for pediatric unintentional home injuries in Romania | Medicina | LS7_10 | Public health and epidemiology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|---|--|--|-------|---|
| 155 | PN-II-RU-TE-2012-3-0164 | Gradinaru | Robert Vasile | University "Alexandru Ioan Cuza" | Interacțiunea ionilor metalelor grele cu compuși pe bază de sulf și enzime. Abordări diferite pentru studierea complexilor binari și multicomponenți | Interaction of heavy metals ions with sulphur containing compounds and enzymes. Studies of binary and multicomponent complexes by various approaches | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 156 | PN-II-RU-TE-2012-3-0165 | Butnaru | Irina | Petru Poni Institute of Macromolecular Chemistry | Materiale compozite inovatoare cu constanta dielectrica mare bazate pe polimeri termostabili pentru aplicatii in nano-electronica | High K innovative composite materials based on thermostable polymers for nano-electronic applications | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 157 | PN-II-RU-TE-2012-3-0166 | Moldovan | Corina | Universitatea Babes-Bolyai | Reconstruirea manuscriselor lui Henri Jacquier. O abordare geocritica | Reconstruction of Henri Jacquier's manuscripts.A geocritical approach | Stiinte umaniste | SH5_4 | Textual philology and palaeography |
| 158 | PN-II-RU-TE-2012-3-0167 | Cozma | Dragos | University of Medicine and Pharmacy "Victor Babes", Timisoara | Impactul trombolizei intracoronariene asupra prognosticului si functiei ventriculare evaluata prin speckle tracking la pacientii cu infarct miocardic | Impact of intracoronary thrombolysis on prognosis and ventricular function assessed by speckle tracking imaging in patients with myocardial infarction | Medicina | LS7_2 | Diagnostic tools (e.g. genetic, imaging) |
| 159 | PN-II-RU-TE-2012-3-0168 | Burciu | Sebastian | Institute of Mathematics Simion Stoilow of Romanian Academy | Algebre Hopf, categorii tensoriale si Hopf monazi | Hopf algebras, tensor categories and Hopf monads | Matematica si Informatica | PE1_2 | Algebra |
| 160 | PN-II-RU-TE-2012-3-0169 | Vasilescu | Cora | Institute of Physical Chemistry "Ilie Murgulescu" of Romanian Academy | Dezvoltarea de metode inovative pentru biofunctionalizarea oseointegrativa a suprafetelor unor noi bioaliaje de titan | Development of innovative methods for osseointegrative biofunctionalization of new titanium bioalloys surfaces | Chimie | PE4_1 | Physical chemistry |
| 161 | PN-II-RU-TE-2012-3-0170 | Ignat | Ioana | Universitatea Tehnica "Gheorghe Asachi" din Iasi | Compusi naturali cu structura polifenolica utilizati ca agenti biologici multifunctionali | Natural polyphenols as multifunctional biological agents | Stiintele vietii aplicate si Biotehnologii | LS9_5 | Agriculture related to crop production, soil biology and cultivation, applied plant biology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|--------------------|-------------------|--|--|--|--|--------|---|
| 162 | PN-II-RU-TE-2012-3-0171 | Popa | Diana Elena | Dunarea de Jos University of Galati | Razand cu si despre zoon politikon: umorul politic in spatiul public romanesc contemporan | Laughing with and Laughing at Zoon Politikon: Political Humour in Contemporary Romanian Public Space | Stiinte sociale si economice | SH4_8 | Use of language: pragmatics, sociolinguistics, discourse analysis |
| 163 | PN-II-RU-TE-2012-3-0172 | mioara | anton | "Nicolae Iorga" History Institute | Elita diplomatica a Romaniei comuniste. Studiu prosopografic, 1945-1989 | The Diplomatic Elite of Communist Romania. Prosopographical Study, 1945-1989 | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 164 | PN-II-RU-TE-2012-3-0173 | Roxana | Tucaliuc | University of Agricultural Sciences and Veterinary Medicine "Ion Ionescu de la Brad" | SINTEZA ŞI UTILIZAREA UNOR COMPUŞI AZAHETEROCICLICI LA TRATAMENTELE DE DEMETALIZARE APLICATE VINURILOR | SYNTHESIS AND USE OF SOME AZAHETEROCYCLE COMPOUNDS IN TREATING DEMETHALYZATION OF WINES | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 165 | PN-II-RU-TE-2012-3-0174 | Boer | Attila | Transilvania University of Brasov | Simularea sistemelor de spini caracterizate prin interactii cu raza lunga de actiune si interactii frustrate in contextul statisticii nonextensive | Simulation of spin systems with long-range and frustrated interactions using nonextensive statistics | Fizica | PE3_17 | Statistical physics (condensed matter) |
| 166 | PN-II-RU-TE-2012-3-0175 | Cristina-Georgiana | Voicu | Universitatea Apollonia din Iasi | Medierea prin cultură a imaginii sinelui: O abordare interdisciplinara | Mediating Culture through Images of the Self: An Interdisciplinary Approach | Stiinte umaniste | SH5_11 | Cultural studies, cultural diversity |
| 167 | PN-II-RU-TE-2012-3-0176 | FOYET | Harquin Simplicie | ACADEMIA ROMANA FILIALA IASI | Efectele terapeutice ale extractului de Emilia coccinae asupra deficientelor induse de catre aflatoxina B1 in perioada prenatala la sobolan | Therapeutic effects of Emilia coccinae extracts on prenatal aflatoxin B1 induced behavioral and reproductive damage on rat offspring | Biologie si Ecologie | LS5_8 | Behavioral neuroscience (e.g. sleep, consciousness, handedness) |
| 168 | PN-II-RU-TE-2012-3-0177 | VISA | Maria | Transilvania University of Brasov | Noi adsorbanti de tip zeolitic obtinuti din cenusa de termocentrala colectata de la electro-termocentrale din Romania | New adsorbents of zeolite type obtained from waste fly ash collected from Romanian Combined Heat and Power Plants | Stiinta materialelor | PE5_6 | Porous materials |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|------------------------------|-------|---|
| 169 | PN-II-RU-TE-2012-3-0178 | Baluta | Ionela | Universitatea din Bucuresti | Concilierea viata privata/ viata profesionala in Europa Centrala si de Est. O cercetare comparativa: Romania - Polonia - Ungaria | Work/Family Reconciliation in Eastern and Central Europe. A comparative research: Romania – Poland – Hungary | Stiinte sociale si economice | SH2_2 | Ageing, work, social policies |
| 170 | PN-II-RU-TE-2012-3-0179 | ANRONIC | LUMINITA CAMELIA | TRANSILVANIA UNIVERSITY OF BRASOV-ROMANIA | "Nano-materiale oxidice hibride multifunctionale cu proprietati de autocuratare, fotocatalitice si de anti-reflectie" | "Multifunctional nano-hybrid oxide materials with self-cleaning, photocatalytic and anti-reflective properties" | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 171 | PN-II-RU-TE-2012-3-0180 | Alexandru | Enesca | Transilvania University of Brasov | Nano-structuri de oxizi tandem cu control avansat la interfata pentru aplicatii opto-electrice | Oxide tandem nano-structures with advanced interface control for opto-electric applications | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 172 | PN-II-RU-TE-2012-3-0181 | Gamez | David | Institutul Român de Știință și Tehnologie | Îmbunătățirea inteligenței artificiale cu sisteme cognitive inspirate de creier | Improving Artificial Intelligence with Brain-inspired Cognitive Systems | Matematica si Informatica | PE6_8 | Intelligent systems |
| 173 | PN-II-RU-TE-2012-3-0182 | Coman | Vasile | Universitatea Babes-Bolyai | Limba electronica pentru detectia unor aditivi potențial nocivi din carnea procesată | Electronic tongue for the detection of some potentially harmful additives in processed meat | Chimie | PE4_6 | Analytical chemistry |
| 174 | PN-II-RU-TE-2012-3-0183 | STANCIU | Camelia | University POLITEHNICA of Bucharest | Instalatii energetice cu cogenerare hibride ecologice - descriere, analiza termodinamica comparativa si alegerea solutiei optime | Eco-friendly hybrid (solar-biofuel) cogeneration power plants - overview, thermodynamic comparative analysis and best choice | Stiinte ingineresti | PE8_6 | Energy systems (production, distribution, application) |
| 175 | PN-II-RU-TE-2012-3-0184 | Cucu | Daniela | Universitatea din Bucuresti | Modularea canalului epitelial de Na+ in hipercolesterolemie | Regulation of the epithelial Na+ channel in hypercholesterolemia | Biologie si Ecologie | LS3_2 | Cell biology and molecular transport mechanisms |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|-------------------------------------|--|---|---------------------------|---------|---|
| 176 | PN-II-RU-TE-2012-3-0185 | Pîslaru | Mariana | Babes-Bolyai University | Industria ceramica romana de la Potaissa (Dacia) | Roman Pottery Industry from Potaissa (Dacia) | Stiinte umaniste | SH6_1 | Archaeology, archaeometry, landscape archaeology |
| 177 | PN-II-RU-TE-2012-3-0186 | RACILA | LAURENTIU DANIEL | UNIVERSITY OF CRAIOVA | Dispozitive mecanice pentru facilitarea accesului persoanelor cu dizabilitati in mijloacele de transport in comun | Mechanical Devices for Making Public Transportation More Accessible for Disabled Passengers | Stiinte ingineresti | PE8_8 | Mechanical and manufacturing engineering (shaping, mounting, joining, separation) |
| 178 | PN-II-RU-TE-2012-3-0187 | Beiușeanu | Florian | University Of Oradea | Descrierea realista a interfetelor metal/semiconductor utilizind teoria functionalei de densitate si a campului molecular dinamic. | > A realistic density functional and dynamical mean field approach for metal -semiconductor interfaces> | Fizica | PE3_10 | Spintronics |
| 179 | PN-II-RU-TE-2012-3-0188 | Diaconu | Mihaela Stefania | University of Bucharest | Identificarea unor gene noi care actioneaza impreuna cu Lmx1a in reglarea procesului de diferentiere a neuronilor dopaminergici | Identification of new genes which act in concert with transcription factor Lmx1a to regulate midbrain dopaminergic neuron differentiation pathway | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 180 | PN-II-RU-TE-2012-3-0189 | Laura | Comanescu | University of Bucharest | Evaluarea geomorfositurilor-suport pentru cuantificarea si cartografierea geomorfodiversitatii.Studiu de caz: masivele montane dintre Buzau si Olt | The assessment of geomorphosites, a support for quantifying and mapping geomorphodiversity. Case study-the mountainous massifs between Buzau and Olt. | Stiintele pamantului | PE10_13 | Physical geography |
| 181 | PN-II-RU-TE-2012-3-0190 | Baricz | Árpád | Babes-Bolyai University | Studiul funcțiilor speciale cu metode din analiza reală și complexă | Study of special functions with methods from real and complex analysis | Matematica si Informatica | PE1_8 | Analysis |
| 182 | PN-II-RU-TE-2012-3-0191 | Nemeti | Sorin | Babes-Bolyai University Cluj-Napoca | ARHEOLOGIA MEDIULUI AMBIANT. PEISAJE ANTICE SI SCHIMBARI CLIMATICE LA DUNAREA DE JOS (SECOLELE I-XIII A.D.) | ENVIRONMENTAL ARCHAEOLOGY. ANCIENT LANDSCAPES AND CLIMATE CHANGES ON THE LOWER DANUBE (I -XIII CENTURIES A. D.) | Stiinte umaniste | SH6_1 | Archaeology, archaeometry, landscape archaeology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|---------------------------|--------|---|
| 183 | PN-II-RU-TE-2012-3-0192 | Ionescu | Arleen | Universitatea Petrol-Gaze din Ploiesti | Joyce in Romania: de la ostilitate la ospitalitate | Romanian Joyce: From Hostility to Hospitality | Stiinte umaniste | SH5_3 | Literary theory and comparative literature, literary styles |
| 184 | PN-II-RU-TE-2012-3-0193 | Pop | Nicolina | "Politehnica" University of Timisoara | REACTII DE CIOCNIRE INTRE ELECTRONI SI CATIONI MOLECULARI: DE LA METODE DE CUANTICE LA APLICATII | REACTIVE COLLISION BETWEEN ELECTRONS AND MOLECULAR CATIONS: FROM QUANTUM METHODS TO APPLICATIONS | Fizica | PE2_7 | Atomic, molecular physics |
| 185 | PN-II-RU-TE-2012-3-0194 | Parvulescu | Lucian | UNIVERSITATEA DE VEST DIN TIMISOARA | Mecanismul invaziei racului non-nativ în Dunărea inferioară | Mechanism of alien crayfish invasion in the lower Danube | Biologie si Ecologie | LS8_2 | Population biology, population dynamics, population genetics, plant-animal interactions |
| 186 | PN-II-RU-TE-2012-3-0195 | COSTIN | Claudiu | Universitatea Alexandru Ioan Cuza din Iasi | Controlul proprietatilor straturilor subtiri depuse prin procedeul HIPIMS utilizand metode de diagnoza plasmei si simulari numerice | Controlling the properties of thin films deposited by HIPIMS process by plasma diagnostics and numerical simulations | Fizica | PE2_5 | Gas and plasma physics |
| 187 | PN-II-RU-TE-2012-3-0196 | Patu | Ovidiu | Institutul de Stiinte Spatiale | Proprietati termodinamice si functii de corelatie ale gazelor atomice reci in sisteme cu dimensionalitate redusa | Thermodynamic Properties and Correlation Functions of Low-Dimensional Ultracold Atomic Gases | Fizica | PE2_7 | Atomic, molecular physics |
| 188 | PN-II-RU-TE-2012-3-0197 | Catinas | Teodora | Babes-Bolyai University | Operatori de aproximare. Metode de aproximare pentru ecuatii operatoriale | Approximation operators. Approximation methods for operatorial equations | Matematica si Informatica | PE1_16 | Numerical analysis and scientific computing |
| 189 | PN-II-RU-TE-2012-3-0198 | Lavinia | Lupa | University Politehnica Timisoara | Noua abordare in utilizarea lichidele ionice (ILs) ca "extractanti verzi" in procesul de adsorbție a radionuclizilor din solutii apoase reziduale | New approach of using ionic liquids (ILs) as "green extractants" in the adsorption process of radionuclides from waste aqueous solutions | Stiinta materialelor | PE5_7 | Ionic liquids |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|--|---|---|--|--------|---|
| 190 | PN-II-RU-TE-2012-3-0199 | Ilarion | Tiu | "Dimitrie Cantemir" Christian University | Jurnalistul în perioada comunistă. O analiză prosopografică. Influența biografiei asupra exercitării profesiei. | The Journalist during Communism. A prosopographical study. The influence of biography on the profession. | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 191 | PN-II-RU-TE-2012-3-0200 | Copolovici | Dana Maria | Aurel Vlaicu University | Caracterizarea chimica a extractelor de plante medicinale si aromatice cu activitati impotriva tantarilor si aplicatiile acestora | Chemical characterization of medicinal and aromatic plant extracts with mosquitoes repellent activities and their applications | Stiintele vietii aplicate si Biotehnologii | LS9_8 | Environmental biotechnology, bioremediation, biodegradation |
| 192 | PN-II-RU-TE-2012-3-0201 | Apostolescu | Nicolae | "Gheorghe Asachi" Technical University of Iasi | Retea neuronală pentru asistarea unei metode neconventionale nedestructive de analiza a documentelor pe suport papetar din patrimoniul cultural | Neural network assisted for unconventional non-destructive analysis of paper and documents which belong to cultural heritage | Chimie | PE5_19 | Characterization methods of materials |
| 193 | PN-II-RU-TE-2012-3-0202 | Sucea | Mirela Petruta | Universitatea "Alexandru Ioan Cuza" din Iasi | Acoperiri nanostructurate fotocatalitice active pe suporturi textile pentru sisteme de purificare a aerului | Photocatalytic active nanostructured coatings on fabric substrates for applications in air purification systems | Stiinta materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |
| 194 | PN-II-RU-TE-2012-3-0203 | SECUIANU | CATINCA | POLTEHNICA UNIVERSITY OF BUCHAREST (UNIVERSITATEA POLITEHNICA DIN BUCURESTI) | Echilibre între faze și proprietăți termofizice ale amestecurilor de fluide - baza pentru dezvoltarea de procese chimice "verzi" | Phase equilibria and thermophysical properties of fluid mixtures: a starting point for developing green chemical processes | Chimie | PE4_1 | Physical chemistry |
| 195 | PN-II-RU-TE-2012-3-0204 | Socolov | Razvan | University of Medicine and Pharmacy Grigore T. Popa Iasi | STUDIUL EXPRESIEI GENOTIPICA SI FENOTIPICA A COMPLEXULUI KISSPEPTINA-RECEPTOR GPR54 SI ALTOR PEPTIDE IN INFERTILITATEA HIPOTALAMO-HIPOFIZO-OVARIANA | THE STUDY OF GENOTYPE AND FENOTYPE EXPRESSION OF KISSPEPTIN-RECEPTOR GPR54 COMPLEX AND OTHER PEPTIDES IN HYPOTHALAMIC-HYPOPHYSO-OVARIAN INFERTILITY | Biologie si Ecologie | LS4_3 | Endocrinology |
| 196 | PN-II-RU-TE-2012-3-0205 | Gordon | Octavian Gheorghe | University of Bucharest | Glosar grec-român de terminologie teologică, pe baza traducerilor din literatura patristică ale lui D. Fecioru și D. Stăniloae. | Greek-Romanian Lexicon of Theological Terminology, on the basis of Patristic Translations into Romanian achieved by D. Fecioru and D. Stăniloae. | Stiinte umaniste | SH5_1 | Classics |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|---|--|--------|---|
| 197 | PN-II-RU-TE-2012-3-0206 | Stoica | Bogdan | Gr. T. Popa University of Medicine and Pharmacy | Evaluarea potentialului citostatic/SOD-like pentru o serie de complexi originali ai manganului cu tinta mitocondriala | Systematic evaluation of the cytostatic/SOD-mimetic properties for some original manganese mitochondrial targeted complexes | Biologie si Ecologie | LS1_2 | General biochemistry and metabolism |
| 198 | PN-II-RU-TE-2012-3-0207 | Mircea | Marinela | The Bucharest University of Economic Studies | Abordari moderne in retelele colaborative de organizatii | New Approaches in Collaborative Networked Organizations (NACONO) | Stiinte sociale si economice | SH2_12 | Communication networks, media, information society |
| 199 | PN-II-RU-TE-2012-3-0208 | Marza | Elena Daniela | Romanian Academy - Branch of Cluj / Center for Transylvanian Studies | Ipostaze ale modernizarii: istoria familiei românești între 1800 și 1947 | A Story of Modernisation: The History of Romanian Family between 1800 and 1947 | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 200 | PN-II-RU-TE-2012-3-0209 | meghea | cristian | Babes-Bolyai Cluj Napoca | Recidiva postnatala a fumatului, factorii de risc asociati, si o interventie proactiva si sustenabila de prevenire | Postnatal smoking relapse, its associated risk factors, and a proactive sustainable preventive intervention | Medicina | LS7_10 | Public health and epidemiology |
| 201 | PN-II-RU-TE-2012-3-0210 | Mironeasa | Silvia | Universitatea Ștefan cel Mare din Suceava | Semințele de struguri: caracterizare, proprietăți și aplicații în panificație | Grape seeds: characterization, properties and applications in bread-making | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 202 | PN-II-RU-TE-2012-3-0211 | GAZDAC | CRISTIAN ANTON | University 'Babes-Bolyai' Cluj-Napoca, Faculty of History and Philosophy | TIMP DE PACE VERSUS TIMP DE RAZBOI IN EUROPA ROMANA! FENOMENE ALE ASCUNDERII TEZAURELOR MONETARE IN SECOLELE I-IV P.CHR. | PEACETIME VERSUS WARTIME IN ROMAN EUROPE! PATTERNS OF HIDING COIN HOARDS FROM 1ST TO 4TH CENTURIES AD | Stiinte umaniste | SH6_3 | Ancient history, ancient cultures |
| 203 | PN-II-RU-TE-2012-3-0212 | Zbancioc | Ana Maria | UNIVERSITATEA DE MEDICINA SI FARMACIE GRIGORE T POPA IASI | Derivati acetofenonici din specii Paeonia si analogi structurali de interes terapeutic | Acetophenone derivatives from Paeonia species and their structural analogues of therapeutic interest | Medicina | LS7_3 | Pharmacology, pharmacogenomics, drug discovery and design, drug therapy |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|---|--|--------|---|
| 204 | PN-II-RU-TE-2012-3-0213 | Diaconu | Bogdan Marian | Universitatea "Constantin Brancusi" din Tg-Jiu | Materiale de construcții cu eficiență și stabilitate ridicate, încorporând materiale cu schimbare de fază | Highly efficient and stable building materials incorporating phase change materials (PCMs) | Stiinte ingineresti | PE8_6 | Energy systems (production, distribution, application) |
| 205 | PN-II-RU-TE-2012-3-0214 | Laura-Dorina | Dinu | Microbial Biotechnology Center BIOTEHGEN | Controlul fermentatiei malolactice a vinului prin monitorizarea populatiei culturabile si neculturabile de O. oeni cu tehnica viable real-time PCR | Wine malolactic fermentation control by monitoring culturable and nonculturable population of Oenococcus oeni using viable real-time PCR | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 206 | PN-II-RU-TE-2012-3-0215 | Marmureanu | Alexandru | National Institute for Earth Physics | Sistem integrat in timp real de alarmare rapida la cutremure pentru Romania (ResyR) | Real time integrated earthquake early warning system for Romania (ResyR) | Stiintele pamantului | PE10_7 | Physics of earth's interior, seismology, volcanology |
| 207 | PN-II-RU-TE-2012-3-0216 | Barca | Vitalie | Romanian Academy. Institute of Archaeology and Art History of Cluj-Napoca | Orbis Romanus si Barbaricum - Lumea barbară nomadă (Sarmatii) din preajma provinciei Dacia și relațiile cu Imperiul Roman. | Orbis Romanus and Barbaricum – The nomad Barbarian world (the Sarmatians) around the province of Dacia and its relations with the Roman Empire. | Stiinte umaniste | SH6_1 | Archaeology, archaeometry, landscape archaeology |
| 208 | PN-II-RU-TE-2012-3-0217 | Trifina | Lucian | "Gheorghe Asachi" Technical University | Proiectarea Codurilor Turbo Spațio-Temporale pentru Aplicații Wireless | Design of Space-Time Turbo Codes for Wireless Applications | Stiinte ingineresti | PE7_6 | Communication technology, high-frequency technology |
| 209 | PN-II-RU-TE-2012-3-0218 | Fodorean | Florin | Babeș-Bolyai University Cluj-Napoca | INVESTIGĂND PEISAJE, CARTÂND SITURI: ARHEOLOGIE AERIANĂ, GIS ȘI RECUNOAȘTEREA TERENULUI ÎN DACIA ROMANĂ. | INVESTIGATING LANDSCAPES, MAPPING SITES: AERIAL ARCHAEOLOGY, GIS AND TERRAIN RECONNAISSANCE IN ROMAN DACIA. | Stiinte umaniste | SH6_1 | Archaeology, archaeometry, landscape archaeology |
| 210 | PN-II-RU-TE-2012-3-0219 | Craioveanu | Maria Cristina | Babes-Bolyai University Cluj-Napoca | Analiza viabilității populațiilor unor specii rare și periclitare de lepidoptere diurne din habitate semi naturale | Population viability analysis for rare and endangered butterfly species in semi-natural habitats | Biologie si Ecologie | LS8_1 | Ecology (theoretical, community, population, microbial, evolutionary ecology) |

Program RESURSE UMANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|-----------------|------------------|--|--|--|------------------------------|--------|--|
| 211 | PN-II-RU-TE-2012-3-0220 | Chireac | Silvia Maria | Universitatea "Alexandru Ioan Cuza" din Iași | Competențele lingvistice în L3 și identitate multiculturală – variabile de integrare lingvistică ale elevilor români în contexte de imigrație | L3 language proficiency and multilingual identity – variables of linguistic integration of Romanian students in immigrant contexts | Științe sociale și economice | SH4_7 | Acquisition and knowledge of language: psycholinguistics, neurolinguistics |
| 212 | PN-II-RU-TE-2012-3-0221 | Florian | Răzvan | Institutul Român de Știință și Tehnologie | Învățarea supervizată și auto-supervizată pentru rețele neuronale cu pulsuri cu codare temporală a informației | Supervised and self-supervised learning for spiking neural networks with temporal coding of information | Matematica și Informatica | PE6_8 | Intelligent systems |
| 213 | PN-II-RU-TE-2012-3-0222 | UDRESCU-MILOSAV | Mihai | University Politehnica of Timisoara | Modelarea și Simularea Efectelor Cuantice în Rețelele Complexe: Comunicatie Fiabila și Eficienta în Sistemele NoC cu Multe Procesoare | Modelling and Simulating Quantum Effects in Complex Networks: Efficient and Reliable Communication in Many-Core NoC Systems | Matematica și Informatica | PE6_1 | Computer architecture |
| 214 | PN-II-RU-TE-2012-3-0223 | Stefan | Balta | Dunarea de Jos University of Galati | CERCETARI PRIVIND OBTINEREA SI CARACTERIZAREA MEMBRANELOR POLIMERICE COMPOZITE (POLIMER/ZnO/TiO2 NANOPARTICULE) UTILIZATE LA TRATAREA APELOR UZATE | RESEARCH ON OBTAINING AND CHARACTERIZATION OF COMPOSITE POLYMERIC MEMBRANES (POLIMER/ZnO/TiO2 NANOPARTICLES) USED FOR WASTEWATER TREATMENT | Știința materialelor | PE5_4 | Thin films |
| 215 | PN-II-RU-TE-2012-3-0224 | Dragomir | Voicu-Dan | ACADEMIA DE STUDII ECONOMICE DIN BUCURESTI | Comunicarea Performantei Organizational: Determinanti Structurali și Consecințe asupra Creării de Valoare | Communicating Organizational Performance: Structural Determinants and Consequences on Value Creation | Științe sociale și economice | SH1_4 | Financial markets, banking and corporate finance |
| 216 | PN-II-RU-TE-2012-3-0226 | Malita-Ramona | Tanc | West University of Timisoara | Problematika identității între migrație și interculturalitate. Dicționar despre migrație în șase limbi | La problématique de l'identité entre migration et interculturalité. Dictionnaire sur la migration en 6 langues | Științe umaniste | SH5_11 | Cultural studies, cultural diversity |
| 217 | PN-II-RU-TE-2012-3-0227 | Szabo | Laszlo | Babes-Bolyai University | NANO-BIO DETECȚIA ATEROSCLEROZEI ȘI TROMBOZEI PRIN TEHNICA SURFACE ENHANCED SPATIAL OFFSET RAMAN SPECTROSCOPY (SEORS) | NANO-BIOSENSING OF ATHEROSCLEROSIS AND THROMBOSIS BY SURFACE ENHANCED SPATIAL OFFSET RAMAN SPECTROSCOPY (SEORS) | Chimie | PE4_13 | Physical chemistry of biological systems |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Compentitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|--|--------|---|
| 218 | PN-II-RU-TE-2012-3-0228 | Cornei | Nicoleta | University of "Alexandru Ioan Cuza" Iasi | Efectul cationului dopant si a temperaturii asupra structurii si proprietatilor perovskitelor Ln(Co,Mn)O3 (Ln-lantanid) perspectiva pentru SOFC | Effect of dopant cation and temperature on the structure and properties of Ln(Co,Mn)O3 (Ln-lanthanides) perovskites-perspective cathode materials SOFC | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 219 | PN-II-RU-TE-2012-3-0229 | Cimpoiasu | Vily Marius | Universitatea din Craiova | Decoerenta cuplajelor nucleare de spin 1H1H in 3s izomeri nucleari de spin. Efecte chimice asupra hidratarii solutiilor R-NH2 cu H217O | De-coherence of 1H1H Nuclear Spin Coupling in 3s-Nuclear Spin Isomers. Chemical Effects on the Hydration of R-NH2 Solutes with H217O | Biologie si Ecologie | LS1_6 | Biophysics |
| 220 | PN-II-RU-TE-2012-3-0230 | Duduman | Gabriel | Universitatea "Stefan cel Mare" din Suceava | Modelarea diversitatii padurilor in contextul schimbarilor climatice | Modelling the forest diversity in the context of climate changes (ForDIVclim) | Stiintele vietii aplicate si Biotehnologii | LS9_7 | Forestry, biomass production (e.g. for biofuels) |
| 221 | PN-II-RU-TE-2012-3-0231 | Toloman | Dana | National Institute for Research and Development of Isotopic and Molecular Technologies | Nanoparticule "core-shell" pe baza de CdS dopat, dioxid de siliciu si aur pentru aplicatii biomedicale | Core - shell nanoparticles based on doped CdS, silica and gold for biomedical applications | Stiinta materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |
| 222 | PN-II-RU-TE-2012-3-0232 | Kaslik | Eva | Institutul e-Austria Timisoara | Sisteme dinamice de ordin fractionar si aplicatii | Fractional-order dynamical systems and applications | Matematica si Informatica | PE1_10 | ODE and dynamical systems |
| 223 | PN-II-RU-TE-2012-3-0233 | Groza | Andreea Liliana | National Institute for Lasers, Plasma, and Radiation Physics | Pretratarea suprafetelor materialelor in descarcari la presiune atmosferica in scopul cresterii aderenței acestora la depuneri de straturi subtiri | Surface material pre-treatments in atmospheric pressure discharges for enhancement adhesion of the deposited thin layers | Fizica | PE2_5 | Gas and plasma physics |
| 224 | PN-II-RU-TE-2012-3-0234 | Varga | Emilia Sabina | Babes-Bolyai University | Bionanocompozite ca modele pentru încapsularea și eliberarea proteinelor terapeutice | Bionanocomposites as templates for encapsulation and release of therapeutic proteins | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Compentitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|----------------------|--------|---|
| 225 | PN-II-RU-TE-2012-3-0235 | Brehar | Felix | Emergency Clinical Hospital "Bagdasar-Arseni" | O noua strategie experimentală anti-invazivă pentru gliomurile cerebrale maligne | A new anti-invasive experimental strategy for infiltrative malignant gliomas | Biologie și Ecologie | LS4_6 | Cancer and its biological basis |
| 226 | PN-II-RU-TE-2012-3-0236 | Miclau | Marinela | INSTITUTUL NATIONAL DE C-D PENTRU ELECTROCHIMIE SI MATERIE CONDENSATA | Sinteza hidrotermală a oxidilor conductivi transparenti dopati cu structura delafossitica | Hydrothermal synthesis of doped delafossite transparent conductive oxides | Știința materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 227 | PN-II-RU-TE-2012-3-0237 | Nistor | Ionut | "Alexandru Ioan Cuza" University | Integrare și marginalizare în politicile statului român față de minoritățile etnice (prima jumătate a secolului al XX-lea) | Integration and Marginalisation in the Romanian Policy towards the Ethnic Minorities (first half of the twentieth century) | Științe umaniste | SH6_5 | Modern and contemporary history |
| 228 | PN-II-RU-TE-2012-3-0238 | Garabagiu | Sorina | National Institute for Research and Development of Isotopic and Molecular Technologies | Detectia și eliminarea unor compuși toxici din apele uzate utilizând nanocompozite hibride pe bază de metale nobile | Detection and removal of toxic compounds from wastewater using hybrid nanocomposites based on noble metals | Știința materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |
| 229 | PN-II-RU-TE-2012-3-0239 | Anghel | Alexandru | National Institute for Lasers, Plasma and Radiation Physics | Modificarea suprafețelor și retenția de combustibil nuclear induse de interacțiile dusty plasma-materiale ITER-like wall | Surface modifications and nuclear fusion fuel retention induced by dusty plasma - ITER-like wall materials interactions | Fizică | PE2_5 | Gas and plasma physics |
| 230 | PN-II-RU-TE-2012-3-0240 | Magyari | Klara-Dorottya | Babes-Bolyai University | Analiza de adsorbție a proteinelor după atașarea pe scaffold pe baza de sticlă-ceramică bioactivă | Analysis of protein adsorption after attachment on bioactive glass-ceramics scaffolds | Medicină | LS7_1 | Medical engineering and technology |
| 231 | PN-II-RU-TE-2012-3-0241 | Bancila | Raluca Ioana | "Emil Racoviță" Institute of Speleology of Romanian Academy | Distribuția și caracteristici de habitat, morfologice și ale ciclului de viață ale speciei Salamandra salamandra în mediile hipogee și epigee | Distribution and habitat, morphological and life history characteristics of Salamandra salamandra in subterranean and surface environments | Biologie și Ecologie | LS8_2 | Population biology, population dynamics, population genetics, plant-animal interactions |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|----------------------|--------|--|
| 232 | PN-II-RU-TE-2012-3-0242 | Mindroiu | Mihaela | Universitatea Politehnica Bucuresti | Noi nanostructuri hibride tri-dimensionale (3D) de tip core-shell pentru aplicatii in celule solare | Novel three-dimensional (3D) core-shell hybrid nanostructures for dye-sensitized solar cells application | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 233 | PN-II-RU-TE-2012-3-0243 | Ficai | Anton | Politehnica University of Bucharest | Sisteme inteligente de eliberare | Smart delivery systems | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 234 | PN-II-RU-TE-2012-3-0244 | Rednic | Vasile | National Institute for Research and Development for Isotopic and Molecular Technologies | Corelarea activitatii catalitice cu structura globala, locala si electronica a catalizatorilor bimetalici suportati | Correlation of catalytic activity with global, local and electronic structure of supported bimetallic catalysts | Stiinta materialelor | PE5_1 | Structural properties of materials |
| 235 | PN-II-RU-TE-2012-3-0245 | Sorin Daniel | Marconi | Institutul National de Cercetare Dezvoltare pentru Tehnologii Izotopice si Moleculare, Cluj Napoca | Efectul dopajului cu Zn si Gd asupra proprietatilor de transport si magnetice in filmele subtiri supraconductoare Bi2212 | Effect of Zn and Gd doping on transport and magnetic properties in Bi2212 superconducting thin films | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 236 | PN-II-RU-TE-2012-3-0246 | GHEORGHIU | FELICIA | Universitatea "Alexandru Ioan Cuza" din Iasi | Dezvoltarea de noi structuri magnetoelectrice multiferoice pe baza de oxizi: de la ceramici la compozite flexibile | Developing of new oxide-based magnetoelectric multiferroic structures: from bulk ceramics to flexible composites | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 237 | PN-II-RU-TE-2012-3-0247 | Ciobica | Alin Stelian | UNIVERSITATEA ALEXANDRU IOAN CUZA IASI | Studiu privind relevanta stresului oxidativ in autism (pacienti si modele animale) | Studying the possible oxidative stress-induced alterations in both patients and animal models of autism | Biologie si Ecologie | LS5_12 | Psychiatric disorders (e.g. schizophrenia, autism, Tourette's syndrome, obsessive compulsive disorder, depression, bipolar disorder, attention deficit, hyperactivity) |
| 238 | PN-II-RU-TE-2012-3-0248 | RUSU | GERLINDE | POLITEHNICA University of Timisoara | Promovarea inulinei in vederea obtinerii de materiale plastice si nanocompozite biodegradabile | Promotion of inulin for plastic materials and nanocomposites synthesis | Chimie | PE5_21 | Polymer chemistry |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|------------------------------|--------|---|
| 239 | PN-II-RU-TE-2012-3-0249 | BUDA | DANIEL | „Lucian Blaga” University, Sibiu, Romania | Sinuciderea în perspectiva tradiției ortodoxe. O analiză istorică, teologică, etică, juridică, pastoral-liturgică și diaconală | Suicide from the perspective of the Orthodox tradition. A historical, theological, ethical, juridical, pastoral-liturgical and diaconal analysis | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 240 | PN-II-RU-TE-2012-3-0250 | Sandu | Antonio | Universitatea de Medicina si Farmacie Gr.T Popa Iasi | Moștenire culturală și comportament în sănătate la comunitatea rroma din Județul Iași | Cultural heritage and health behavior in Roma community from Iasi County | Stiinte umaniste | SH5_11 | Cultural studies, cultural diversity |
| 241 | PN-II-RU-TE-2012-3-0251 | Lungu | Adriana | University Politehnica of Bucharest | Studii avansate privind folosirea compusilor polimerici cu grupari tiol in vederea obtinerii de materiale dentare de inalta performanta | New developments in thiol containing polymers for high performance dental materials | Stiinta materialelor | PE5_11 | Biomaterials synthesis |
| 242 | PN-II-RU-TE-2012-3-0252 | Septelean | Raluca | Babes-Bolyai University | SPRE NOI STANAALENE. SINTEZA, CARACTERIZARE SI STUDIUL CAPACITATII DE COORDINARE | TOWARDS NEW STANNALLENES. SYNTHESIS, CHARACTERIZATION AND COORDINATION ABILITY | Chimie | PE5_24 | Molecular chemistry |
| 243 | PN-II-RU-TE-2012-3-0253 | Scurtu | Rares | Institute of Physical Chemistry "Ilie Murgulescu" | Materiale compozite cu conducție electrică mixtă (ionică și electronică): Caracterizare și aplicații în protecția mediului | Mixed ionic-electronic composite materials: Characterization and Environmental Applications | Chimie | PE5_13 | Environment chemistry |
| 244 | PN-II-RU-TE-2012-3-0254 | Vrinceanu | narcisa | "Al.I.Cuza" University of Iasi | Suporturi bio-polimerice hibride cu arhitectura suprafetei controlata, cu aplicatii multiple | Hybrid biopolymeric supports with controlled surface patterning, with multiple tasks | Stiinta materialelor | PE5_3 | Surface modification |
| 245 | PN-II-RU-TE-2012-3-0255 | NADOLU | Bogdan | West University of Timisoara | Analiza complexa a depopularii urbane in orasele romanesti medii si mari | Complex Analysis of Urban Depopulation in Medium and Large Romanian Cities | Stiinte sociale si economice | SH3_8 | Urbanization and urban planning, cities |

Program RESURSE UMANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|------------------------------|--------|---|
| 246 | PN-II-RU-TE-2012-3-0256 | Marton | Silvia | Universitatea din Bucuresti | Europeanizarea si transformarile politicii locale: Noi elite politice in Romania postcomunista (2007-2012) | Europeanization and the changing faces of local politics: New political elites in post-communist Romania (2007-2012) | Stiinte sociale si economice | SH2_8 | Political systems, legitimacy of governance |
| 247 | PN-II-RU-TE-2012-3-0257 | Podar | Dorina | Babes-Bolyai University | Aspecte functionale si structurale ale selectivitatii pentru ioni a transportorilor pentru metale grele | Functional and structural aspects of ionic selectivity in heavy metal transporters | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 248 | PN-II-RU-TE-2012-3-0258 | Sburlan | Dragos-Florin | Universitatea Ovidius din Constanta | Cauzalitate, Observare/Interpretare si Interventie in Calculul Natural (ICON) | Causality, Observation/Interpretation and Intervention in Natural Computing (ICON) | Matematica si Informatica | PE6_3 | Formal methods |
| 249 | PN-II-RU-TE-2012-3-0259 | PITULICE | ILEANA COSMINA | ACADEMIA DE STUDII ECONOMICE BUCURESTI | Probabilitatea implementării IPSAS în statele membre UE: provocare pentru România. Propunere de strategie privind tranziția la IPSAS | The Probability of Implementing IPSAS in EU Member States: Challenge for Romania. Strategy Proposal concerning the Transition to IPSAS | Stiinte sociale si economice | SH1_9 | Public administration, public economics |
| 250 | PN-II-RU-TE-2012-3-0260 | Ciutina | Adrian | Universitatea "Politehnica" din Timisoara | Performantele seismice ale cadrelor duale cu planse compuse cu inaltime redusa | Seismic Performances of Dual Frames with Composite Steel and Concrete Slim Floors | Stiinte ingineresti | PE8_3 | Civil engineering, maritime/hydraulic engineering, geotechnics, waste treatment |
| 251 | PN-II-RU-TE-2012-3-0261 | Burz | Claudia | Institutul Oncologic "Prof. Dr. Ion Chiricuta" Cluj-Napoca | Modificarea statusului imun ca suport pentru prevenirea si diagnosticul precoce al cancerului colorectal | Alteration of the immune status as support for prevention and early diagnosis of colorectal cancer | Medicina | LS6_12 | Biological basis of immunity related disorders |
| 252 | PN-II-RU-TE-2012-3-0262 | SOCOLOV | DEMETRA GABRIELA | University of Medicine and Pharmacy "Gr. T. Popa" - Iasi | Reteaua miRNA in infectia productiva cu virusul papiloma uman versus infectia transformanta | miRNAs network in human papillomaviruses productive versus transforming infection | Medicina | LS6_8 | Virology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|----------------|------------------|---|---|--|--|--------|---|
| 253 | PN-II-RU-TE-2012-3-0263 | POROCH-SERITAN | MARIA | "Stefan cel Mare" University of Suceava | CERCETĂRI PRIVIND REALIZAREA DE STRUCTURI BIOSENZORIALE PENTRU ANALITICA ALIMENTARĂ, MONITORIZAREA CALITĂȚII MEDIULUI ȘI INVESTIGAREA CLINICĂ | RESEARCH ON HOW TO MAKE BIOSENSORIAL STRUCTURES FOR FOOD ANALYTICS, ENVIRONMENT QUALITY MONITORING AND CLINICAL INVESTIGATION | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 254 | PN-II-RU-TE-2012-3-0264 | IANCHIS | RALUCA | National Research and Development Institute for Chemistry and Petrochemistry ICECHIM | NOI MATERIALE BIOACTIVE PE BAZA DE NANOCOMPOZITE POLIMER-ARGILA | NEW BIOACTIVE MATERIALS BASED ON POLYMER-CLAY NANOCOMPOSITES | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 255 | PN-II-RU-TE-2012-3-0265 | Aranghel | Dorina | Horia Hulubei National Institute of Physics and Nuclear Engineering | Caracterizarea structurala prin metode fizice a condroitinului sulfat din trahee de bovina si cartilagiu de rechin | Structural characterization of bovine trachea and shark cartilage chondroitin sulfates by physical methods | Fizica | PE3_15 | Soft condensed matter (liquid crystals...) |
| 256 | PN-II-RU-TE-2012-3-0266 | Mircea | Gillean | Babes-Bolyai University | Proiectare si fabricare de metamateriale plasmonice pentru procesari optice in domeniul vizibil | Design and fabrication of plasmonic metamaterials for optical operation in visible wavelengths | Fizica | PE3_12 | Nanophysics: nanoelectronics, nanophotonics, nanomagnetism |
| 257 | PN-II-RU-TE-2012-3-0267 | Petrar | Petronela Maria | Universitatea Babes-Bolyai, Facultatea de Chimie si Inginerie Chimica, Departamentul de Chimie Anorganica | Heterometalasiloxani:Punti siloxanice intre elementele din grupa a 14-a si metale tranzitionale | Heterometal siloxanes: Bridging Group 14 Elements and Transition Metals through Siloxanic Units | Chimie | PE5_24 | Molecular chemistry |
| 258 | PN-II-RU-TE-2012-3-0268 | Titiriga | Remus | West University | Profilingul ICT, o provocare la adresa personalitatii (viata privata, identitatile personale si dincolo de acestea) | ICT profiling, a challenge to personhood (privacy, personal identities and beyond) | Stiinte sociale si economice | SH2_11 | Global and transnational governance, international law, human rights |
| 259 | PN-II-RU-TE-2012-3-0269 | Morintz | Alexandru | Vasile Parvan Institute of Archaeology | Spațiu și loc în preistoria sud-estului Europei: o analiză a tiparelor spațiale a așezărilor calcolitice de tip tell de la Dunărea de Jos | Space and Place in South-Eastern European Prehistory: analysis of the spatial patterns of the Chalcolithic tell-type settlements at the Lower Danube | Stiinte umaniste | SH6_2 | Prehistory and protohistory |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|----------------------|------------------|--|--|--|------------------------------|--------|---|
| 260 | PN-II-RU-TE-2012-3-0270 | Marcu | Teodora | Technical University of Cluj Napoca | Concept integrat de implanturi endosoase cu baza titan obtinute prin metalurgia pulberilor | Integrated design of PM titanium based biomaterials for endosseous implants | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 261 | PN-II-RU-TE-2012-3-0271 | Dudric | Roxana | Babes-Bolyai University | Efectele dimensiunii asupra proprietatilor magnetice si de transport ale nanoparticulelor de manganit | Particle size effects on magnetic and transport properties of manganite nanoparticles | Fizica | PE3_12 | Nanophysics: nanoelectronics, nanophotonics, nanomagnetism |
| 262 | PN-II-RU-TE-2012-3-0272 | Birdeanu | Mihaela Ionela | National Institute for Research and Development in Electrochemistry and Condensed Matter | Noi (nano)materiale si filme subtiri nano-structurate cu proprietati anticorozive | Novel nano-structured (nano)materials and thin films with anti-corrosive properties | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 263 | PN-II-RU-TE-2012-3-0273 | Udrea | Radu Mihnea | University Politehnica of Bucharest | Dezvoltarea de algoritmi robusti pentru imbunatatirea semnalului vocal cu aplicatii pentru proteze auditive | Robust Speech Enhancement Algorithms Development with Applications for Hearing Aids Devices | Stiinte ingineresti | PE7_7 | Signal processing |
| 264 | PN-II-RU-TE-2012-3-0274 | Corpodean (Moldovan) | Dumitrita | TECHNICAL UNIVERSITY OF CLUJ-NAPOCA | Relatiile structura-dinamica-proprietati pentru retele de polimeri super absorbanti prin metode avansate 1H RMN, IR-TF si UV/VIS | Properties-structure-dynamics relationship for super-absorbent polymer networks by advanced 1H NMR, FT-IR and UV/VIS methods | Chimie | PE5_19 | Characterization methods of materials |
| 265 | PN-II-RU-TE-2012-3-0275 | Dumitru | Madalina | ACADEMIA DE STUDII ECONOMICE BUCURESTI | O ABORDARE INSTITUTIONALA A SCHIMBARII IN CONTABILITATEA DE GESTIUNE FOLOSIND TEORIA EVOLUTIONISTA | AN INSTITUTIONAL APPROACH OF THE PROCESS OF CHANGE IN MANAGEMENT ACCOUNTING USING THE EVOLUTIONARY THEORY | Stiinte sociale si economice | SH1_2 | Microeconomics, institutional economics |
| 266 | PN-II-RU-TE-2012-3-0276 | Fiera | Cristina | Institute of Biology Bucharest, Romanian Academy | Impactul modului de folosinta al terenului asupra functionarii structurii trofice a biodiversitatii solului | Impact of land-use intensity on the biodiversity and functioning of soil food webs | Stiintele pamantului | PE10_4 | Terrestrial ecology, land cover change, |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|--------------------|------------------|--|---|---|------------------------------|--------|---|
| 267 | PN-II-RU-TE-2012-3-0277 | Benjamin Francisco | Dalton Carmel | Centrul de Cercetari Biologice Jibou | Caracterizarea unui nou tip de proteina D1 "rogue" de la cianobacterii | Characterization of Novel rogue D1 isoform from cyanobacteria | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 268 | PN-II-RU-TE-2012-3-0278 | cordoneanu | ion | University „Dunarea de Jos” Galati | Contributii ale stiintei cognitive a religiei în analiza fenomenului religios | Contributions of the cognitive science of religion to the analysis of the religious phenomenon | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 269 | PN-II-RU-TE-2012-3-0279 | Manole | Catalin-Gabriel | "Victor Babeş" National Institute of Pathology | Telocitele in insuficienta cardiaca | Telocytes in Heart Failure | Biologie si Ecologie | LS4_7 | Cardiovascular diseases |
| 270 | PN-II-RU-TE-2012-3-0280 | Tunyagi | Arthur | Universitatea Babes Bolyai | Studii ale manifestarilor spatio-temporale ale unor fenomene colective emergente, utilizand retele de agenti electronici multifunctionali | Revealing complex spatio-temporal patterns in emergent collective phenomena using networks of multipurpose electronic agents. | Fizica | PE2_14 | Non-linear physics |
| 271 | PN-II-RU-TE-2012-3-0281 | Fusu | Lucian | Alexandru Ioan Cuza University of Iasi | DNA barcodes for a local fauna: a test case with parasitic microhymenoptera of Romania | Coduri de bare ADN pentru fauna regională: studiu de caz pe microhimenopterele parazitoide din România | Biologie si Ecologie | LS8_3 | Systems eEvolution, biological adaptation, phylogenetics, systematics |
| 272 | PN-II-RU-TE-2012-3-0282 | Toroczka | Ciprian Iulian | „Lucian Blaga” University | Vrăjitoria în România. Istorie, religie și cultură | Witchcraft in Romania. History, Religion and Culture | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 273 | PN-II-RU-TE-2012-3-0283 | Tătar | Marius Ioan | University of Oradea | Democratia fara implicare: sursele si modelele participarii politice in Europa Centrala si de Est in perioada postcomunista | Democracy without Engagement: The Roots and Patterns of Political Participation in Post-Communist Central and Eastern Europe | Stiinte sociale si economice | SH2_7 | Transformation of societies, democratization, social movements |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|----------------|------------------|---|--|---|------------------------------|--------|--|
| 274 | PN-II-RU-TE-2012-3-0284 | Turcan | Nicușor | Babes-Bolyai University | Gândirea postmetafizică și teologia apofatică: de la turnura teologică a fenomenologiei și nihilismul postmodern la teologia neopatristică | Postmetaphysical thinking and apophatic theology: from theological turn of phenomenology and postmodern nihilism to neopatristic theology | Științe umaniste | SH4_10 | Philosophy, history of philosophy |
| 275 | PN-II-RU-TE-2012-3-0285 | neamtu | bogdana | Babes Bolyai University | Transparenta și eficacitate în procesul de alocare a unor drepturi limitate: O perspectivă comparată | Transparency and effectiveness in the allocation of scarce rights: A comparative perspective | Științe sociale și economice | SH1_9 | Public administration, public economics |
| 276 | PN-II-RU-TE-2012-3-0286 | Sima | Livia | Institute of Biochemistry, Romanian Academy | Reglarea epigenetică a markerilor de diferențiere în transformarea și progresia melanomului – relaționarea cu calea MAPK | Epigenetic regulation of differentiation markers in melanoma transformation and progression – crosstalk with MAPK pathway | Biologie și Ecologie | LS3_12 | Stem cell biology |
| 277 | PN-II-RU-TE-2012-3-0287 | Matei | Iulia | Universitatea din București | O abordare rațională a caracterizării biomaterialelor arheologice prin combinarea metodelor spectroscopice cu calcule cuantice | Rational approach to the characterisation of archaeological biomaterials by concerted spectroscopic and quantum chemical methods | Chimie | PE4_1 | Physical chemistry |
| 278 | PN-II-RU-TE-2012-3-0288 | Claudiu-Lucian | Topor | „Alexandru Ioan Cuza” University | Diplomați străini în Regatul României. Forme de socializare și experiențe mondene (1881-1914). | Foreign diplomats in the Kingdom of Romania. Ways of socialization and mundanity experiences (1881-1914). | Științe umaniste | SH6_5 | Modern and contemporary history |
| 279 | PN-II-RU-TE-2012-3-0289 | Stan | Ana-Maria | Universitatea Babes-Bolyai | Asociaționism în lumea universitară românească 1919-1947 (tipologii, forme de manifestare, comportamente de gen) | Associationism in the Romanian academic world 1919-1947 (typologies, forms of manifestation, gender behaviour) | Științe umaniste | SH6_10 | Social, economic, cultural and political history |
| 280 | PN-II-RU-TE-2012-3-0290 | Popescu | Simona | Universitatea Politehnică București | Imobilizarea cu ajutorul dopaminei a unor noi polimeri nanostructurați pentru controlul interacțiilor celule-suprafață | Dopamine-assisted immobilization of novel nanostructured polymers in controlling the cell-surface interactions | Știința materialelor | PE5_3 | Surface modification |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|--|--|--|--|--------|---|
| 281 | PN-II-RU-TE-2012-3-0291 | Didilescu | Andreea Cristiana | Institutul National de Cercetare-Dezvoltare pentru Stiinte Biologice | Plasticitatea niselor stem din pulpa dentara umana | The human dental pulp stem niche plasticity | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 282 | PN-II-RU-TE-2012-3-0292 | Violeta-Elena | Copcia | Universitatea "Alexandru Ioan Cuza" din Iasi | Nanocompozite oxid metalic micro si mezoporoase ca agenti antibacterieni adsorbanti si schimbatori de ioni in tratarea apei | Nanocomposites metal oxide/micro- and mesoporous silica and aluminosilicates as antibacterial agents, adsorbants and ion exchange in water treatment | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 283 | PN-II-RU-TE-2012-3-0293 | Serban | Ioan | Transilvania University of Brasov | Solutii de control imbunatatite pentru microretele inteligente cu surse de energie regenerabila | Enhanced control solutions for smart microgrids with renewable energy sources | Stiinte ingineresti | PE7_2 | Electrical and electronic engineering: semiconductors, components, systems |
| 284 | PN-II-RU-TE-2012-3-0294 | Negru | Ioana | ENERGY RESEARCH AND MODERNIZING INSTITUTE | Studii si cercetari pentru obtinerea de noi hidrogeluri termo- si pH-sensibile cu aplicatii biomedicale | Studies and researches to obtain new thermo- and pH-sensitive hydrogels for biomedical applications | Chimie | PE5_21 | Polymer chemistry |
| 285 | PN-II-RU-TE-2012-3-0295 | Canpean | Valentin | Babes-Bolyai University | Amplificarea colectarii si conversiei luminii in celule solare prin efecte plasmonice | Plasmon-enhanced light harvesting and conversion for efficient solar cells | Fizica | PE3_12 | Nanophysics: nanoelectronics, nanophotonics, nanomagnetism |
| 286 | PN-II-RU-TE-2012-3-0296 | Podea | Paula | Babes-Bolyai University | Extractii asistate enzimatic ale uleiurilor esentiale din semintele unor culturi indigene din Romania, ca potentiali aditivi alimentari naturali | Enzymes assisted extractions of essential oils from indigenous seeds crops from Romania as potential natural food additives | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 287 | PN-II-RU-TE-2012-3-0297 | Simioniuc | Danut Petru | UNIVERSITATEA AGRONOMICA SI DE MEDICINA VETERINARA ION IONESCU DE LA BRAD IASI | Studii referitoare la comportarea cultivarelor actuale de sfecla de zahar la stresuri biotice corelata cu markeri moleculari | Studies regarding the behavior of actual sugar beet cultivars at biotical stress correlated with molecular markers aspects | Stiintele vietii aplicate si Biotehnologii | LS9_5 | Agriculture related to crop production, soil biology and cultivation, applied plant biology |

Program RESURSE UMANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|------------------------------|-------|---|
| 288 | PN-II-RU-TE-2012-3-0298 | Branda | Alina | Babes-Bolyai University | Etnografii ale migratiei. Arhivarea narativelor si istoriilor de viata | Ethnographies of Migration. Archiving Narratives and Life Histories | Stiinte umaniste | SH2_5 | Ethnography |
| 289 | PN-II-RU-TE-2012-3-0299 | Istin | Codruta | Politehnica University of Timisoara | Model exact si optimizare pentru sistem de trafic inteligent | Accurate model and optimization for intelligent traffic system | Matematica si Informatica | PE6_8 | Intelligent systems |
| 290 | PN-II-RU-TE-2012-3-0300 | Adam | Mihai Sorin | Universitatea Transilvania din Brasov | Materiale termoelectrice nanostructurate ecologice | Eco-friendly nanostructured thermoelectric materials | Stiinta materialelor | PE5_1 | Structural properties of materials |
| 291 | PN-II-RU-TE-2012-3-0301 | Focsan | Monica | Babes-Bolyai University | Integrarea aplicatiilor plasmonice in microfluidica pentru identificarea rapida, precisa si reproductibila a unor biomarkeri specifici | Merging plasmonics and microfluidics for rapid, sensitive, and reliable identification of relevant biomarkers | Stiinta materialelor | PE5_9 | Materials for sensors |
| 292 | PN-II-RU-TE-2012-3-0302 | Barbu | Tudor | Romanian Academy, Iasi branch | HUMANDETRAR - sistem de vizualizare computerizata pentru autentificarea, detectia, urmarirea persoanelor si recunoasterea actiunilor umane | HUMANDETRAR – computer vision system for HUMAN Authentication, DETECTION, TRACKING and ACTION Recognition | Matematica si Informatica | PE6_4 | Graphics and image processing |
| 293 | PN-II-RU-TE-2012-3-0303 | Paunescu | Mihai | Scoala Nationala de Studii Politice si Administrative | Universitățile românești în contextul noilor provocări instituționale | Romanian universities facing social and institutional challenges | Stiinte sociale si economice | SH2_8 | Political systems, legitimacy of governance |
| 294 | PN-II-RU-TE-2012-3-0304 | Nichiforel | Liviu | Universitatea "Stefan cel Mare" Suceava | Analiza impactului antreprenoriatului institutional asupra gestionarii durabile a padurilor din Romania prin metode socio-economice si de teledetectie | Institutional entrepreneurship and impacts on sustainable forest management in Romania: bridging socio-economic and remote sensing tools | Stiinte sociale si economice | SH3_1 | Environment and sustainability |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|------------------------------|--------|---|
| 295 | PN-II-RU-TE-2012-3-0305 | Potara | Monica | Babes-Bolyai University | Obtinerea si evaluarea nanoparticulelor de metal nobil pentru aplicatii in teranostica | Designing and assessment of noble-metal nanoparticles for theranostic applications | Stiinta materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |
| 296 | PN-II-RU-TE-2012-3-0306 | Popescu | Irina Alina | Academy of Economic Studies Bucharest | Contributia capitalului social la performanta firmelor localizate in clusteretele de afaceri din Romania | The Contribution of Social Capital to the Business Performance in Romanian Clusters | Stiinte sociale si economice | SH1_5 | Competitiveness, innovation, research and development |
| 297 | PN-II-RU-TE-2012-3-0307 | Ionescu | Clara Mihaela | Universitatea Tehnica din Cluj-Napoca | Strategii robuste de control fractionar pentru procese multivariabile cu timp mort | Robust fractional order control strategies for multivariable time delay processes | Stiinte ingineresti | PE7_1 | Control engineering |
| 298 | PN-II-RU-TE-2012-3-0308 | ALEXANDRU | OANA | University of Medicine and Pharmacy of Craiova | Eficacitatea anti-tumorală a compusilor dye naturali si sintetici in glioblastom | The anti-tumour efficacy of natural and synthetic dye compounds in glioblastoma | Medicina | LS7_3 | Pharmacology, pharmacogenomics, drug discovery and design, drug therapy |
| 299 | PN-II-RU-TE-2012-3-0309 | TANASA | Radu Iulian | "Cantacuzino" National Institute of Research-Development for Microbiology and Immunology | Dezvoltarea ghidata bioinformatic de anticorpi monoclonali cross-reactivi contra proteinelor de suprafata a virusului gripal A si bio-semnificatia lor | Bioinformatics-guided development of cross-reactive monoclonal antibodies against influenza A virus surface proteins and their biological significance | Medicina | LS6_8 | Virology |
| 300 | PN-II-RU-TE-2012-3-0310 | Raschip | Irina Elena | Petru Poni Institute of Macromolecular Chemistry | Noi nanomateriale bio-hibride utilizate in medicina si industria alimentara | New bio-hybrid nanomaterials used in medicine and food industry | Stiinta materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |
| 301 | PN-II-RU-TE-2012-3-0311 | Lemle | Ludovic Dan | Universitatea Politehnica din Timisoara | Unicitatea semigrupurilor tare continue de operatori liniari pe dualul unui spatiu vectorial local convex si aplicatii | Uniqueness of strongly continuous semigroups of linear operators on the dual of a locally convex vector space and applications | Matematica si Informatica | PE1_9 | Operator algebras and functional analysis |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|----------------|------------------|---|---|--|----------------------|---------|---|
| 302 | PN-II-RU-TE-2012-3-0312 | Marius | Rada | NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT OF ISOTOPIC AND MOLECULAR TECHNOLOGIES | SENZORI SI TERMOCUPLURI PE BAZA DE STICLE SI VITROCERAMICI CU APLICATII IN MECATRONICA SI TEHNOLOGIA AUTO | SENSORS AND THERMOCOUPLES BASED ON GLASSES AND VITROCERAMICS WITH APPLICATIONS IN MECHATRONICS AND AUTOMOTIVE TECHNOLOGY | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 303 | PN-II-RU-TE-2012-3-0313 | Moldovan | Mircea | Babes-Bolyai University | Radionuclizi si chimismul apelor minerale si geotermale din Transilvania | Radionuclides and chemistry in mineral and geothermal waters from Transylvania | Stiintele pamantului | PE10_17 | Hydrology, water and soil pollution |
| 304 | PN-II-RU-TE-2012-3-0314 | Jimenez-Madrid | Alberto | Technical University of Civil Engineering | Evaluarea vulnerabilitatii apelor subterane pe baza cuantificarii proceselor fizice | Physically Based Phenomena Quantification to Asses Groundwater Vulnerability | Stiintele pamantului | PE10_17 | Hydrology, water and soil pollution |
| 305 | PN-II-RU-TE-2012-3-0315 | Cotar | Ani Ioana | Cantacuzino National Institute for Research and Development for Microbiology and Immunology | Genotiparea si caracterizarea moleculara a profilelor de virulenta a tulpinilor de Legionella circulante in Romania | Genotyping and molecular characterization of virulence patterns of Legionella strains circulating in Romania | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 306 | PN-II-RU-TE-2012-3-0316 | Tircomnicu | Emil | Institute of Ethnography and Folklore Constantin Brailoiu | Patrimoniul etnografic al Republicii Moldova. Sarbatori si obiceiuri | The ethnographic heritage of Republic of Moldova. Feasts and customs | Stiinte umaniste | SH2_5 | Ethnography |
| 307 | PN-II-RU-TE-2012-3-0317 | Onitiu | Atalia | West University of Timisoara | Mobilitate sociala, relatii economice si interferente culturale intre provinciile romane de la Dunarea de Jos | Social mobility, economical relationships and cultural interferences between the Lower Danube Roman provinces | Stiinte umaniste | SH6_3 | Ancient history, ancient cultures |
| 308 | PN-II-RU-TE-2012-3-0318 | Terec | Anamaria | Babes-Bolyai University | Noi criptanzi non-simetrice - Sinteza si ansamble host-guest | New Laterally Non-symmetric Cryptands - Synthesis and Host-Guest Assemblies | Chimie | PE5_23 | Organic chemistry |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|------------------------------|-------|---|
| 309 | PN-II-RU-TE-2012-3-0319 | Felföldi | Tamás | Sapientia University | Izolarea de noi tulpini bacteriene cu potențiale aplicații în bioremediere și în biotehnologie | Retrieving new bacterial isolates for potential bioremediation and biotechnological applications | Biologie si Ecologie | LS8_4 | Biodiversity, comparative biology |
| 310 | PN-II-RU-TE-2012-3-0320 | Filip | Lucian Dragos | National Institute for Materials Physics | Interfete metal-feroelectric: De la simulare numerica la optimizare experimentală | Metal-ferroelectric interfaces: From first principles to experimental optimization | Fizica | PE3_5 | Electronic properties of materials and transport |
| 311 | PN-II-RU-TE-2012-3-0321 | Carp | Radu | Faculty of Political Science, University of Bucharest | Definirea si evaluarea standardelor de buna guvernare in administratia publica. Modele nationale si sub-nationale din perspectiva comparata | Definition and evaluation of good governance standards in the public administration. National and sub-national models from a comparative perspective | Stiinte sociale si economice | SH2_8 | Political systems, legitimacy of governance |
| 312 | PN-II-RU-TE-2012-3-0322 | Topor | Marcel | University "Politehnica" of Timisoara | Aplicatii industriale ale algoritmilor SVD in controlul si proiectarea sistemelor electromecanice | Industrial Application of SVD in Control and Design of Electromechanical Systems | Stiinte ingineresti | PE8_6 | Energy systems (production, distribution, application) |
| 313 | PN-II-RU-TE-2012-3-0323 | Laura | Visu-Petra | Babes-Bolyai University | Minciuna relationata: Conexiuni longitudinale intre abilitati de simulare, dezvoltare sociocognitiva si comportament problematic in copilăria timpurie | The connected lie: Longitudinal links between early deception skills, sociocognitive development and problematic behaviors in young children | Stiinte sociale si economice | SH4_2 | Human life-span development |
| 314 | PN-II-RU-TE-2012-3-0324 | Constantiniu | Laurentiu | Societatea Stiintifica Romana de Cercetari Interdisciplinare | Geneza politicii de autonomie a României în interiorul blocului comunist, 1958-1964: surse interne și reacțiile Est-Vest | The Origins of Romania's Quest for Autonomy inside the communist bloc, 1958-1964: Domestic Sources and East-West reactions | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 315 | PN-II-RU-TE-2012-3-0325 | Epurescu | George | National Institute for Lasers, Plasma and Radiation Physics | Cresterea filmelor subtiri din aliaje MgZnO dopate, cu proprietati controlate | Growth of doped MgZnO thin films alloys with controlled properties | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|------------------|-------------------|--|---|--|--|--------|---|
| 316 | PN-II-RU-TE-2012-3-0326 | Jarcău | Mihaela | ȘTEFAN CEL MARE UNIVERSITY OF SUCEAVA | Utilizarea dinamicii neliniare în studiul interacției materiei cu câmpurile fizice | NONLINEAR DYNAMICS IN THE STUDY OF PHYSICAL INTERACTIONS | Fizica | PE2_14 | Non-linear physics |
| 317 | PN-II-RU-TE-2012-3-0327 | Popescu | George Pantelimon | Universitatea Politehnica din Bucuresti | EDISEY: Managementul Eficient al Datelor in Sisteme Distribuite Moderne bazat pe Noi Limite ale Entropiei | EDISEY: Efficient Data Management in Modern Distributed Systems based on New Entropy Bounds | Matematica si Informatica | PE6_12 | Parallel and Distributed Computing |
| 318 | PN-II-RU-TE-2012-3-0328 | Mihailescu | Mona | Politehnica University from Bucharest | Monitorizarea in timp real pentru imagistica 3D a interactiei celule-substrat in conditii de micromediu controlat | Real-time monitoring for 3D imaging of cells-substrates interaction in controlled microenvironmental conditions | Biologie si Ecologie | LS3_1 | Morphology and functional imaging of cells |
| 319 | PN-II-RU-TE-2012-3-0329 | PANAITE BELDIANU | OANA | "Alexandru Ioan Cuza" University of Iasi | Analiza limbajului poetic eminescian. Concordante | Analysis of Eminescu's Poetic language. Concordances | Stiinte umaniste | SH5_4 | Textual philology and palaeography |
| 320 | PN-II-RU-TE-2012-3-0330 | Cristina | Popescu | Vasile Goldis Western University of Arad, Insitute of Life Sciences. | Profilul modificarilor epigenetice ce stau la baza toxicitatii xenobioticelor-rolul modificarilor histonelor in semnalizarea timpurie a bolii | In vivo profiling of epigenetic targets underlying xenobiotics toxicity-histones modifications and early signaling in disease | Biologie si Ecologie | LS2_8 | Epigenetics and gene regulation |
| 321 | PN-II-RU-TE-2012-3-0331 | Preda | Radu | Babes-Bolyai University cod fiscal: 4305849 | Biserica Ortodoxă din România între post-comunism și postmodernitate. Schimbări istorice, provocări filosofice și dileme social-teologice | Orthodox Church in Romania between post-communism and postmodernity Historical changes, philosophical challenges and social-theological dilemmas | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 322 | PN-II-RU-TE-2012-3-0332 | Furdui | Bianca | Dunarea de Jos University of Galati | Noi molecule active cu aplicatii asupra sistemelor biologice daunatoare din industria alimentara si acvacultura | NEW ACTIVE MOLECULES WITH APPLICATIONS ON HARMFUL BIOLOGICAL SYSTEMS FROM FOOD INDUSTRY AND AQUACULTURE | Stiintele vietii aplicate si Biotehnologii | LS9_9 | Biotechnology, bioreactors, applied microbiology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Compentitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|------------------------------|--------|---|
| 323 | PN-II-RU-TE-2012-3-0333 | Baditoiu | Gabriel | Institute of Mathematics "Simion Stoilow" of the Romanian Academy | Metode geometrice, algebrice si topologice pentru teoria campurilor cuantice | Geometric, Algebraic and Topological Methods for Quantum Field Theory | Fizica | PE1_12 | Mathematical physics |
| 324 | PN-II-RU-TE-2012-3-0334 | RADU | SORIN | "Lucian Blaga" University of Sibiu | Comunismul în lumea rurală românească. Studiu de caz: propaganda Frontului Plugarilor (1944-1953) | Communism in Romanian Countryside. Case Study: Ploughmen's Front Propaganda (1944-1953) | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 325 | PN-II-RU-TE-2012-3-0335 | STEFANESCU | AURELIA | Bucharest University of Economic Studies | STUDIUL PRIVIND EFECTELE SINERGICE ALE RELAȚIEI DE SOMBIOZĂ EXSITENTĂ ÎN CAZUL PARTENERIATULUI PUBLIC-PRIVAT ÎN ROMÂNIA | STUDY ON THE SYNERGY OUTCOMES OF THE SYMBIOSIS EXISTING WITHIN THE PUBLIC - PRIVATE PARTNERSHIP IN ROMANIA | Stiinte sociale si economice | SH1_9 | Public administration, public economics |
| 326 | PN-II-RU-TE-2012-3-0336 | Satco | Bianca | Universitatea Stefan cel Mare | Solutii regulate pentru ecuatiile si incluziuni diferentiale in spatii Banach | Regulated solutions for single and set-valued differential problems in Banach spaces | Matematica si Informatica | PE1_8 | Analysis |
| 327 | PN-II-RU-TE-2012-3-0337 | DOROLTI | EUGEN | BABES-BOLYAI UNIVERSITY | Noi Materiale Magnetice pentru Inclocuirea Magnetilor cu Pamant Rar | Novel Magnetic Materials for Replacement of Rare Earth Magnets | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 328 | PN-II-RU-TE-2012-3-0338 | carja | ion | Babes-Bolyai University | Identități profesionale în context multicultural. Bisericile greco-catolice din Austro-Ungaria (1867-1918) | Confessional Identities in a Multicultural Context. The Greek-Catholic Churches from Austria-Hungary (1867-1918) | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 329 | PN-II-RU-TE-2012-3-0339 | Nica(Ion) | Simona Filofteia | Center of Organic Chemistry C. D. Nenitzescu of the Romanian Academy | Incorporarea azulenei in compusi metal-organici multifunctionali | Incorporation of azulene-scaffold in multifunctional metal-organic framework | Chimie | PE5_22 | Supramolecular chemistry |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|--|--------|---|
| 330 | PN-II-RU-TE-2012-3-0340 | Oprea | Corneliu Ioan | Ovidius University of Constanta | Modelarea la nivel molecular a unor materiale aflate la interfețe organice-anorganice întâlnite în dispozitive de conversie a energiei solare | Molecular Modeling of Materials for Organic-Inorganic Interfaces Occurring in Solar Energy Conversion Devices | Fizica | PE3_5 | Electronic properties of materials and transport |
| 331 | PN-II-RU-TE-2012-3-0341 | ENACHE | CRISTIAN | Ovidius University of Constanta | Noi contributii in analiza geometrica a ecuatiilor cu derivate partiale si aplicatiile lor in fizica si geometrie | New contributions in geometric analysis of partial differential equations and their applications in physics and geometry | Matematica si Informatica | PE1_11 | Partial differential equations |
| 332 | PN-II-RU-TE-2012-3-0342 | Simona | RADA | Technical University of Cluj-Napoca | Investigatii experimentale si simulari de modelare moleculara pe sticle neconventionale conductive ionic cu aplicatii in optoelectronica | Experimental investigations and molecular modeling simulations on the ionic conducting unconventional glasses with applications in optoelectronics | Stiinta materialelor | PE5_1 | Structural properties of materials |
| 333 | PN-II-RU-TE-2012-3-0343 | Macovei | Alina Mihaela | Institute of Biochemistry of the Romanian Academy | Invstigare factorilor celulari implicati in infectia, asamblarea si traficul intracelular al virusului hepatitei B | Investigation of host cell factors involved in Hepatitis B Virus infection, assembly and intracellular trafficking | Medicina | LS6_8 | Virology |
| 334 | PN-II-RU-TE-2012-3-0344 | Dumitrescu | Florin | Institute of Mathematics of the Romanian Academy, Bucharest | Invarianti geometrici via teorii de camp | Geometric invariants via field theories | Matematica si Informatica | PE1_5 | Geometry |
| 335 | PN-II-RU-TE-2012-3-0345 | Jelinek | Balázs | Sapientia University | Dezvoltarea si studiul unor proteine fluorescente, ca senzori de cupru pentru aplicatii in vivo | DEVELOPMENT AND ANALYSIS OF COPPER SENSOR FLUORESCENT PROTEINS FOR IN VIVO APPLICATIONS | Stiintele vietii aplicate si Biotehnologii | LS9_1 | Genetic engineering, transgenic organisms, recombinant proteins, biosensors |
| 336 | PN-II-RU-TE-2012-3-0346 | Dinca | Cristian-Florian | University POLITEHNICA of Bucharest | Dezvoltarea proceselor de captare CO2 pre/post-combustie si a modului de integrare in sistemele de conversie in energie a combustibililor solizi | CO2 capture pre/post-combustion processes development and integration solutions for solid fuels to energy conversion systems | Stiinte ingineresti | PE8_10 | Production technology, process engineering |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|--|--|---|------------------------------|---------|--|
| 337 | PN-II-RU-TE-2012-3-0347 | Fesnic | Florin Nicolae | BABES-BOLYAI UNIVERSITY/ DEPARTMENT OF POLITICAL SCIENCE | Educatie Democratica in contexte culturale si institutionale dificile. O analiza a tinerilor din Romania bazata pe sondaj si date experimentale | Democratic Education in Difficult Cultural and Institutional Environments. An Analysis of Romanian Youth Based on Survey and Experimental data. | Stiinte sociale si economice | SH2_7 | Transformation of societies, democratization, social movements |
| 338 | PN-II-RU-TE-2012-3-0348 | Otomega | Ninel-Gelu-Bogdan | University POLITEHNICA of Bucharest | Sistem automat de monitorizare si control direct al sarcinii pentru evitarea producerii avariilor extinse in sistemele electroenergetice-IntelliACTION | Automatic system for load monitoring and direct control to avoid large scale blackouts in electrical power systems -IntelliACTION | Stiinte ingineresti | PE8_6 | Energy systems (production, distribution, application) |
| 339 | PN-II-RU-TE-2012-3-0349 | Gherman | Bogdan | Technical University of Cluj-Napoca | Cercetări privind dezvoltarea de noi soluții robotizate pentru tratamentul cancerului la creier | Research on the development of new robotic solutions for brain cancer treatment - BracRob | Stiinte ingineresti | PE8_11 | Product design, ergonomics, man-machine interfaces |
| 340 | PN-II-RU-TE-2012-3-0350 | Vitelaru | Catalin | National Institute for Research and Development in Optoelectronics | Dezvoltarea de noi straturi subtiri pentru colectori solari de temperatura inalta printr-o abordare multidisciplinara | Development of new high temperature solar collector thin films by a multidisciplinary approach | Fizica | PE2_5 | Gas and plasma physics |
| 341 | PN-II-RU-TE-2012-3-0351 | Begy | Robert-Csaba | Babes-Bolyai University | Radionuclizi utilizati ca trasori ai influentelor antropice asupra proceselor de sedimentare din Delta Dunarii | Radionuclides as tracers of the anthropic influence on the Danube Delta sedimentary processes | Stiintele pamantului | PE10_12 | Sedimentology, soil science, palaeontology, earth evolution |
| 342 | PN-II-RU-TE-2012-3-0352 | Nita | Marian | National Institute of Material Physics | Curenti de spin si sarcina in sisteme mezoscopice si retele optice | Spin and charge currents in mesoscopic devices and optical lattices | Fizica | PE3_13 | Mesoscopic physics |
| 343 | PN-II-RU-TE-2012-3-0353 | Girban | Anania | UNIVERSITATEA POLITEHNICA DIN TIMISOARA | Sisteme dinamice in psihologie – O abordare geometrica si aplicatii | Dynamic systems in psychology - A geometric approach and applications | Matematica si Informatica | PE1_10 | ODE and dynamical systems |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|------------------------------|---------|--|
| 344 | PN-II-RU-TE-2012-3-0354 | Bercu | Vasile | University of Bucharest | Spre o geocronologie absoluta a depozitelor de loess | Towards an absolute geochronology of loess deposits | Stiintele pamantului | PE10_6 | Paleoclimatology, paleoecology |
| 345 | PN-II-RU-TE-2012-3-0355 | GALEA | ION | University of Bucharest, Faculty of Law | Identificarea soluțiilor pentru îmbunătățirea aplicării tratatelor în România, în contextul calității de stat membru al Uniunii Europene | Identifying Solutions for Improving the Application of Treaties in Romania, in the context of Membership within the European Union | Stiinte sociale si economice | SH2_9 | Legal systems, constitutions, foundations of law |
| 346 | PN-II-RU-TE-2012-3-0356 | Veca | Lucia-Monica | National Institute for Research and Development in Microtechnologies IMT-Bucharest | Puncte cuantice de carbon cu aplicatii in optoelectronica. | Optoelectronic devices based on carbon quantum dots. | Stiinte ingineresti | PE7_5 | Micro- and nanoelectronics, optoelectronics |
| 347 | PN-II-RU-TE-2012-3-0357 | OPRESCU | FLORINEL-IONEL | West University of Timisoara | Baza de Date a Literaturii Române (DigiLit) | Data Base Romanian Literature (DigiLit) | Stiinte umaniste | SH5_2 | History of literature |
| 348 | PN-II-RU-TE-2012-3-0358 | Todea | Milica | Babes-Bolyai University | Sinteza și caracterizarea unor biocompozite pe bază de pulberi calcofosfatice/geluri silicatic și titanosilicatic pentru ingineria țesutului osos | Synthesis and characterization of some calcium-phosphate particles/silica and silicitanate gel biocomposites for bone tissue engineering | Chimie | PE4_5 | Surface science |
| 349 | PN-II-RU-TE-2012-3-0359 | Török | Zoltán | Babeş-Bolyai University | Metodologie de evaluare a riscurilor asociate siturilor contaminate in contextul planificarii teritoriale | Vulnerability-based methodology for Brownfield risk assessment in the context of land-use planning | Stiintele pamantului | PE10_17 | Hydrology, water and soil pollution |
| 350 | PN-II-RU-TE-2012-3-0360 | Muresan | Laura | Babes Bolyai University | NANOLUMINOFORI PE BAZA DE SILICAT DE YTRIU PENTRU OPTOELECTRONICA | NANOPHOSPHORS BASED ON YTRITIUM SILICATE FOR OPTOELECTRONICS | Stiinta materialelor | PE5_10 | Nanomaterials : nanoparticles, nanotubes |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|---------------------------|--------|---|
| 351 | PN-II-RU-TE-2012-3-0361 | VLAS | NATALIA | UNIVERSITATEA BABEȘ-BOLYAI | Noi forme de viata religioasa in postmodernitate | New forms of religious life in postmodernity | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 352 | PN-II-RU-TE-2012-3-0362 | Pavelescu | Emil Mihai | INSTITUTUL NATIONAL DE CERCETARE DEZVOLTARE PENTRU MICROTEHNOLOGIE IMT BUCURESTI | Noi compusi semiconductori III-N-Bi pentru celule solare de inalta eficienta | Novel III-N-Bi semiconductor compounds for high efficiency solar cells | Stiinta materialelor | PE5_4 | Thin films |
| 353 | PN-II-RU-TE-2012-3-0363 | Popescu | Anca-Andreea | University Politehnica Bucharest | Tehnici de Factorizare de Matrici: Teorie si Aplicatii pentru Criptarea si Reconstructia Semnalelor - MATRICES | Matrix Factorization Techniques: Theory and Applications for Signal Encryption and Reconstruction - MATRICES | Stiinte ingineresti | PE7_7 | Signal processing |
| 354 | PN-II-RU-TE-2012-3-0364 | Tiron | Vasile | Universitatea "Alexandru Ioan Cuza" din Iasi | Obtinerea de filme fotocatalitice pe baza de oxo-nitruri cu ajutorul pulverizarii magnetron reactive | Oxynitrides based photocatalytic thin films deposited by reactive magnetron sputtering | Stiinta materialelor | PE5_4 | Thin films |
| 355 | PN-II-RU-TE-2012-3-0365 | Olaru | Mihaela Adriana | "Petru Poni" Institute of Macromolecular Chemistry | Resurse umane in stiinta conservarii patrimoniului cultural din piatra | Human resources for science for conservation of stone-based cultural heritage | Chimie | PE5_21 | Polymer chemistry |
| 356 | PN-II-RU-TE-2012-3-0366 | FAUR | Daniela | University POLITEHNICA of Bucharest | Extragerea informatiei din baze de date eterogene din perspectiva teoriei informatiei. | An information theory framework for data mining in heterogeneous databases. | Matematica si Informatica | PE6_5 | Human computer interaction and interface |
| 357 | PN-II-RU-TE-2012-3-0367 | Neamtu | Bogdan Viorel | Technical University of Cluj-Napoca | Pulberi și miezuri magnetice moi amorfe cu baza fier și cu baza cobalt obținute prin aliere mecanică și sinterizare în plasmă | Amorphous soft magnetic Fe-based and Co-based powders and cores prepared by mechanical alloying and spark plasma sintering | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|------------------------------|--------|--|
| 358 | PN-II-RU-TE-2012-3-0368 | Mesaros | Amalia | Technical University of Cluj-Napoca | Structuri multifunctionale de tantalati cu dimensionalitate redusa | Low dimensional multifunctional tantalate structures | Stiinta materialelor | PE5_4 | Thin films |
| 359 | PN-II-RU-TE-2012-3-0369 | ROBA | CARMEN ANDREEA | Universitatea Babes Bolyai | Degradarea oxidativa avansata a ftalatilor prin procese Fenton si Foto-Fenton in ape reziduale | The advanced oxidative degradation of phthalates by Fenton and Photo-Fenton processes in wastewaters | Chimie | PE5_13 | Environment chemistry |
| 360 | PN-II-RU-TE-2012-3-0370 | Miron | Dalia | University of Medicine and Pharmacy Carol Davila Bucharest | Calitatea prin design in dezvoltarea sistemelor farmaceutice bioadezive | Quality by design in the development of bioadhesive drug delivery systems | Medicina | LS7_3 | Pharmacology, pharmacogenomics, drug discovery and design, drug therapy |
| 361 | PN-II-RU-TE-2012-3-0371 | PITULICE | LAURA | UNIVERSITATEA DE VEST DIN TIMISOARA | Analiza cineticii chimice in medii aglomerate | Analysis of chemical kinetics in crowded media | Chimie | PE4_14 | Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions |
| 362 | PN-II-RU-TE-2012-3-0372 | Marcu | Nicu | University of Craiova | Managementul datoriei externe in Uniunea Europeana: strategii pe termen lung | External debt management in European Union: strategies on long term | Stiinte sociale si economice | SH1_1 | Macroeconomics, growth, business cycles |
| 363 | PN-II-RU-TE-2012-3-0373 | Marin | Luminita | "Petru Poni" Institute of Macromolecular Chemistry Iasi | Cristale lichide termotrope cu morfologie controlata pentru aplicatii optoelectronice si electronice | Thermotropic liquid crystals with tuned morphology for optoelectronic and electronic applications | Fizica | PE3_15 | Soft condensed matter (liquid crystals...) |
| 364 | PN-II-RU-TE-2012-3-0374 | Toma | Octavian | Institutul National de Cercetare-Dezvoltare pentru Fizica Laserilor, Plasmei si Radiatiei | Granatii partial dezordonati - posibile medii active eficiente pentru emisia laser in pulsuri ultrascurte in domeniul spectral "eye-safe" (~1500 nm) | Partially disordered garnets - possible efficient active media for ultrafast laser generation in the eye-safe spectral range | Stiinta materialelor | PE5_2 | Solid state materials |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|---|---|--------|---|
| 365 | PN-II-RU-TE-2012-3-0375 | Damian | Cristina | "STEFAN CEL MARE" UNIVERSITY | MONITORIZAREA CALITATII MEDIULUI AMBIANT: CERCETARI PRIVIND DECONTAMINAREA APEI, SOLULUI SI ALIMENTELOR DE METALE GRELE CU NOI BIOPOLIMERI ADSORBANTI | MONITORING OF ENVIRONMENTAL QUALITY: RESEARCH ON HEAVY METALS DECONTAMINATION OF WATER, SOIL AND FOOD USING NEW ADSORPTION BIOPOLYMERS | Stiintele vietii aplicate si Biotehnoologii | LS9_8 | Environmental biotechnology, bioremediation, biodegradation |
| 366 | PN-II-RU-TE-2012-3-0376 | Mihalca | Loredana | SC COGNITROM SRL | Modele consultative pentru dezvoltarea abilităților metacognitive și de autoreglare a învățării în mediile educaționale computerizate | Advisory models to support students' metacognition and self-regulated learning in computer-based environments | Stiinte sociale si economice | SH4_13 | Education: principles, techniques, typologies |
| 367 | PN-II-RU-TE-2012-3-0377 | Feier | Horea | University of Medicine and Pharmacy "Victor Babes" Timisoara | Fibroza miocardica si boala von Willebrand in stenoza valvulara aortica: prognostic si functie ventriculara evaluata prin imagistica speckle tracking | Myocardial fibrosis and von Willebrand disease in aortic valve stenosis: prognosis and left ventricular function assessed by speckle tracking imaging | Medicina | LS7_2 | Diagnostic tools (e.g. genetic, imaging) |
| 368 | PN-II-RU-TE-2012-3-0378 | MARINCA | TRAIAN FLORIN | Technical University of Cluj Napoca | Compacte compozite/nanocompozite magnetice moi de tipul aliaj de fier/ferită mixtă de fier sinterizate in plasmă | Spark plasma sintered soft magnetic composite/nanocomposite compacts of iron alloy/iron mixed ferrite type | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 369 | PN-II-RU-TE-2012-3-0379 | Popescu | Andrei | National Institute for Lasers, Plasma and Radiation Physics | Filme subtiri de carbon aderente si dure sintetizate prin depunere laser pulsata pentru protectia la uzura a uneltelor de taiere si gaurire | Hard and adherent carbon thin films synthesized by pulsed laser deposition for wear protection of metallurgical cutting and drilling tools | Stiinta materialelor | PE5_4 | Thin films |
| 370 | PN-II-RU-TE-2012-3-0380 | Ion-Dorel | Paraschiv | Institutul de Cercetari Eco-Muzeale | Ceramica din zona Dunarii de Jos reflectata in comertul lumii romane. Abordare din perspectiva arheologica (secolele I - IV p. Chr.) | Pottery from the Lower Danube region reflected in Roman World Trade. An archaeological approach (1st - 4th centuries AD) | Stiinte umaniste | SH6_3 | Ancient history, ancient cultures |
| 371 | PN-II-RU-TE-2012-3-0381 | Sirbu | Florinela | Ilie Murgulescu Institute of Physical Chemistry | Caracterizari termodinamice de eutectic bazate pe lichide ionice cu aplicatii ca potentiali electroliti prieteni mediului. | Thermodynamic characterization of eutectic based ionic liquids with application as potential environmentally friendly electrolytes | Stiinta materialelor | PE5_7 | Ionic liquids |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|---|---|------------------------------|--------|---|
| 372 | PN-II-RU-TE-2012-3-0382 | Tarniceriu | Carmen Oana | Universitatea "Alexandru Ioan Cuza" din Iasi | Analiza dinamicii populatiilor de neuroni prin abordarea de tip densitate de populatie | Analysis of large neural populations' behavior via population density approach | Matematica si Informatica | PE1_18 | Application of mathematics in sciences |
| 373 | PN-II-RU-TE-2012-3-0383 | Avramescu | Sorin | University of Bucharest | Tratarea catalitica integrata a apelor reziduale utilizand o abordare in tandem: oxidare avansata in faza lichida si faza gazoasa. | Integrated catalytic wastewater treatment using a tandem approach: liquid phase/gas phase advanced oxidation. | Chimie | PE5_13 | Environment chemistry |
| 374 | PN-II-RU-TE-2012-3-0384 | Dalila | BELEI | Universitatea "Alexandru Ioan Cuza" din Iasi | Designul, sinteza și investigarea domeniilor de aplicabilitate ale unor noi clase de biomimetici. | New classes of biomimetic compounds. Design, synthesis and investigation of applicability fields. | Chimie | PE5_23 | Organic chemistry |
| 375 | PN-II-RU-TE-2012-3-0385 | Popa | Luis | Grigore Antipa National Museum of Natural History | Filogeografia speciei Unio crassus (Mollusca: Bivalvia) in Europa | The Phylogeography of Unio crassus (Mollusca: Bivalvia) in Europe | Biologie si Ecologie | LS8_5 | Conservation biology, ecology, genetics |
| 376 | PN-II-RU-TE-2012-3-0386 | Mindrescu | Marcel | UNIVERSITATEA STEFAN CEL MARE SUCEAVA | STUDIUL VARIABILITATII CLIMATICE PE BAZA ANALIZEI DEPOZITELOR GLACIARE SI SEDIMENTELOR LACUSTRE | CLIMATE VARIABILITY RECORDED BY GLACIAL DEPOSITS AND LAKE SEDIMENTS | Stiintele pamantului | PE10_6 | Paleoclimatology, paleoecology |
| 377 | PN-II-RU-TE-2012-3-0387 | Negrusa | Adina | Universitatea Babes-Bolyai Cluj-Napoca | ELABORAREA UNUI MODEL DE COMPORTAMENT INVESTITIONAL AL IMM-URILOR DIN JUDETUL CLUJ IN VEDEREA IMBUNATATIRII AVANTAJULUI COMPETITIV | DEVELOPMENT OF A THEORETICAL APPROACH REGARDING CLUJ COUNTY SMES'INVESTMENT BEHAVIOUR FOR COMPETITIVE ADVANTAGE IMPROVEMENT | Stiinte sociale si economice | SH1_2 | Microeconomics, institutional economics |
| 378 | PN-II-RU-TE-2012-3-0388 | Mustata | Camelia Roxana | Institute of Biochemistry of the Romanian Academy | Identificarea mecanismelor implicate in morfogeneza epiteliului intestinal: de la celule progenitoare embrionare murine la celule stem adulte | Identification of the mechanisms involved in intestinal epithelial morphogenesis: from mouse embryonic progenitor cells to adult stem cells | Biologie si Ecologie | LS3_12 | Stem cell biology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|--|--|--|------------------------------|--------|--|
| 379 | PN-II-RU-TE-2012-3-0389 | Meghisan | Georgeta-Madalina | University of Craiova | Strategii de management si marketing pentru cresterea performantelor economico-financiare ale companiilor de stat din Romania | Management and marketing strategies for the economic-financial performances' growth of the state companies from Romania | Stiinte sociale si economice | SH1_7 | Organization studies, strategy |
| 380 | PN-II-RU-TE-2012-3-0390 | Stefanescu | Carmen-Alina | National Institute for R&D in Electrical Engineering ICPE-CA | Design rational de polimeri de coordinatie utilizati ca precursori pentru nanomateriale oxidice | Rationally designed coordination polymers as precursors for oxide nanomaterials | Chimie | PE5_14 | Coordination chemistry |
| 381 | PN-II-RU-TE-2012-3-0391 | Daniel-Sorin | FARCAS | BABES-BOLYAI UNIVERSITY | "OPUS EXPOSITIONUM" ECKHARTIAN. TRADUCEREA UNOR TEXTE FUNDAMENTALE DIN OPERA LATINĂ A LUI MEISTER ECKHART | ECKHARTIAN "OPUS EXPOSITIONUM". TRANSLATING SOME BASIC WRITINGS FROM MEISTER ECKHART'S LATIN WORK | Stiinte umaniste | SH4_10 | Philosophy, history of philosophy |
| 382 | PN-II-RU-TE-2012-3-0392 | Mitalaite | Kristina | BABES-BOLYAI UNIVERSITY | „Analiza contextuală, terminologică și filosofică a tratatului Periphyseon, scris de Ioan Scottus Eriugena, și traducerea comentată a acestuia în româ | "The contextual (Carolingian), terminological and philosophical analysis of John Scottus' (Eriugena) Periphyseon and its commented translation in Roma | Stiinte umaniste | SH4_10 | Philosophy, history of philosophy |
| 383 | PN-II-RU-TE-2012-3-0393 | Capitan | Radu Dan | Universitatea "Alexandru Ioan Cuza" din Iași | Cartografierea Integrata Geologica si Morfometrica a Suprafetei Martiene: o Perspectiva Regionala a Proviinciilor Vulcanice | Integrated Geologic and Morphometric Mapping of Martian Surface: a Regional Perspective of the Volcanic Provinces | Fizica | PE9_2 | Planetary systems sciences |
| 384 | PN-II-RU-TE-2012-3-0394 | Radu | Adrian | Universitatea Politehnica Bucuresti | TEORIA NANOSTRUCTURILOR SEMICONDUCTOARE IN CAMPURI ELECTROMAGNETICE INTENSE | THEORY OF SEMICONDUCTOR NANOSTRUCTURES UNDER INTENSE ELECTROMAGNETIC FIELDS | Fizica | PE3_12 | Nanophysics: nanoelectronics, nanophotonics, nanomagnetism |
| 385 | PN-II-RU-TE-2012-3-0395 | Dudita | Mihaela | Transilvania University of Brasov | Sisteme multistrat de filme subtiri negre si colorate bazate pe NiOx, TiO2 si SiO2 cu aplicatii in colectoarele solar-termice din aria urbana | Multi-layered systems based on black and colored thin films of NiOx, TiO2 and SiO2 for urban area integrated solar collectors | Stiinta materialelor | PE5_4 | Thin films |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|------------------|------------------|--|---|--|--|--------|--|
| 386 | PN-II-RU-TE-2012-3-0396 | Sevcenco | Adrian | Institute of Space Science | Efecte atmosferice asupra detectiei prin satelit a spectrului de fluorescenta produs de jerbele atmosferice largi | Atmospheric effects on satellite detection of EAS fluorescent signatures | Fizica | PE9_10 | High energy and particles astronomy - X-rays, cosmic rays, gamma rays, neutrinos |
| 387 | PN-II-RU-TE-2012-3-0397 | Barabás | István | Technical University of Cluj-Napoca | Modelarea proprietăților amestecurilor de motorină-biocombustibili | Modeling the properties of diesel-biofuel blends | Stiinte ingineresti | PE8_14 | Industrial biofuel production |
| 388 | PN-II-RU-TE-2012-3-0398 | Buda | Octavian | Universitatea de Medicina si Farmacie "Carol Davila" | Standarde medicale si ideologie in psihiatria din Romania comunista. | Medical standards and ideology in Romanian communist psychiatry. | Stiinte sociale si economice | SH2_13 | Social studies of science and technology, S&T policies, science and society |
| 389 | PN-II-RU-TE-2012-3-0399 | Guse | Gina Raluca | Bucharest University of Economic Studies | Cercetare exploratorie a adaptabilitatii contabilitatii, raportarii si auditului la cerinte informationale noi conform teoriei modernitatii reflexive | Exploratory Research of Accounting, Reporting and Auditing Adaptability to Stakeholders Information Needs in the Context of Reflexive Modernity Theory | Stiinte sociale si economice | SH3_1 | Environment and sustainability |
| 390 | PN-II-RU-TE-2012-3-0400 | Cadariu-Brailoiu | Liviu | "Politehnica" University of Timisoara | Inegalitati si operatori pentru stabilitatea ecuatiilor si a reperelor | Inequalities and operators for the stability of equations and frames | Matematica si Informatica | PE1_8 | Analysis |
| 391 | PN-II-RU-TE-2012-3-0401 | BARLA | GHEORGHE-FLORIN | University "Stefan cel Mare" of Suceava | Caracterizarea unor tulpini de bacterii lactice izolate din preparate traditionale Romanesti si folosite in dezvoltarea unor noi alimente functionale | Characterization of several lactic acid bacteria strains isolated from Romanian traditional fermented foods used for developing of new functional food | Stiintele vietii aplicate si Biotehnologii | LS9_9 | Biotechnology, bioreactors, applied microbiology |
| 392 | PN-II-RU-TE-2012-3-0402 | Dumitru | Aurelia Anca | University of Bucharest | Noi sisteme electrocatalitice pentru reactiile de oxidare a etanolului/metanolului si reducerea oxigenului in celulele de combustie cu etanol/metanol | New electrocatalytic systems for ethanol/methanol oxidation reactions and oxygen reduction in fuel cells with ethanol/methanol | Stiinte ingineresti | PE8_2 | Chemical engineering, technical chemistry |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|----------------|------------------|---|--|--|------------------------------|--------|--|
| 393 | PN-II-RU-TE-2012-3-0403 | Ungureanu | Adrian | Gheorghe Asachi Technical University of Iasi | Nanocatalizatori metalici pentru sinteza chimicalelor fine preparati prin controlul mediului local al suporturilor mezostructurate (NanoMesoChem) | Nanosized Metallic Catalysts Prepared in Controlled Local Environments of Mesostuctured Hosts for Fine Chemical Syntheses (NanoMesoChem) | Stiinta materialelor | PE5_6 | Porous materials |
| 394 | PN-II-RU-TE-2012-3-0404 | Popescu-Furnea | Teodora | 1 Decembrie 1918 University of Alba Iulia | INVARIANTE UNIVERSALE SI VARIANTE ALE METAFOREI ECONOMICE IN LIMBILE ROMANA SI ENGLEZA. O ABORDARE COGNITIVA DIN PERSPECTIVA LINGVISTICII CORPUSULUI | UNIVERSALS AND VARIANTS OF ENGLISH AND ROMANIAN BUSINESS METAPHORS. A CORPUS-BASED CONCEPTUAL MAPPING OF CONTEMPORARY JOURNALESE | Stiinte sociale si economice | SH4_5 | Formal, cognitive, functional and computational linguistics |
| 395 | PN-II-RU-TE-2012-3-0405 | Gheorghiu | Mihaela | International Centre of Biodynamics | Platforma analitica pentru evaluarea dinamicii celulare | Plasmonic platform for time lapse assessment of cell dynamics | Fizica | PE3_19 | Biophysics |
| 396 | PN-II-RU-TE-2012-3-0406 | CLENCI | Adrian | Universitatea din Pitesti | Cercetari teoretice si experimentale pentru ilustrarea efectelor inaltimii de ridicare a supapei de admisie asupra economicitatii unui m.a.s. | Theoretical and experimental research for outlining the effects of intake valve lift on a gasoline engine's fuel economy | Stiinte ingineresti | PE8_5 | Fluid mechanics, hydraulic-, turbo-, and piston engines |
| 397 | PN-II-RU-TE-2012-3-0407 | Bodoki | Ede | IULIU HATIEGANU UNIVERSITY OF MEDICINE AND PHARMACY CLUJ-NAPOCA | Aplicatii farmaceutice si biomedicale ale senzoriilor chimici si biologici de recunoastere moleculara pe suprafete nanostructurate | Chemical and biological sensing applications in pharmaceutical and biomedical analysis based on molecular recognition on nanoscaled surfaces | Chimie | PE4_6 | Analytical chemistry |
| 398 | PN-II-RU-TE-2012-3-0408 | Iftene | Cristi | Ovidius University | Regionalizarea - instrument de asigurare a bunei guvernari la nivel local. Experiente comparative in 15 tari | Paths to regionalisation as a tool to ensure good governance at local level. Comparing Experiences in 15 countries | Stiinte sociale si economice | SH2_7 | Transformation of societies, democratization, social movements |
| 399 | PN-II-RU-TE-2012-3-0409 | Ploscaru | Nelu-Cristian | Alexandru Ioan Cuza University | Modernitatea si reconfigurarea elitelor in Moldova. Vocabular politic si reprezentari identitare | Modernity and reconfiguration of the elites in Moldavia. Political vocabulary and representations of identity | Stiinte umaniste | SH6_5 | Modern and contemporary history |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|--|--|--------|---|
| 400 | PN-II-RU-TE-2012-3-0410 | Aflori | Magdalena | Petru Poni Institute of Macromolecular Chemistry | Materiale polimerice biocompatibile si antimicrobiene: obtinere, caracterizare si aplicatii | Biocompatible and antimicrobial polymeric materials: obtaining, characterization and applications | Stiinta materialelor | PE5_3 | Surface modification |
| 401 | PN-II-RU-TE-2012-3-0411 | Terian-Dan | Andrei | Lucian Blaga University of Sibiu | O analiză globală de sistem a literaturilor semiperiferice. Cazul literaturii române | A World-System Analysis of Semiperipheral Literatures. The Case of Romanian Literature | Stiinte umaniste | SH5_2 | History of literature |
| 402 | PN-II-RU-TE-2012-3-0412 | avrigeanu | tudor | Institutul de Cercetari Juridice "Acad. Andrei Radulescu" | Constantele dreptului penal si identitatea normativa a societatii romanesti(1939-1969-2009) | The Constants of Criminal Law and the Normative Identity of the Romanian Society (1939-1969-2009) | Stiinte sociale si economice | SH2_10 | Private, public and social law |
| 403 | PN-II-RU-TE-2012-3-0413 | Milica | Ioan | "Alexandru Ioan Cuza" University of Iasi | Competenta paremiologica, performanta paremiologica | Paremiological competence, paremiological performance | Stiinte umaniste | SH5_11 | Cultural studies, cultural diversity |
| 404 | PN-II-RU-TE-2012-3-0414 | Stroia | Ciprian | Banat's University of Agricultural Sciences and Veterinary Medicine from Timisoara | Stabilirea de metode ecologice pentru accelerarea procesului de sucesiune secundara a pajistilor din arabil abandonat | Setting ecological methods for fastening of the secondary succesion process of ex-arable grasslands | Stiintele vietii aplicate si Biotehnologii | LS9_8 | Environmental biotechnology, bioremediation, biodegradation |
| 405 | PN-II-RU-TE-2012-3-0415 | Cutrubinis | Mihalis | "Horia Hulubei" National Institute of Research and Development for Physics and Nuclear Engineering | Utilizarea combinata de metode de conservare netermale pentru extinderea perioadei de pastrare a unor alimente de origine vegetala | Combined use of non-thermal preservation methods for shelf life extension of selected plant origin foodstuffs | Stiintele vietii aplicate si Biotehnologii | LS9_6 | Food sciences |
| 406 | PN-II-RU-TE-2012-3-0416 | Somacescu | Simona | "Ilie Murgulescu" Institute of Physical Chemistry, Romanian Academy | Noi anozii SOFC pe baza de nanostructuri autoasamblate: investigatii structurale, morfologice si de chimie a suprafetei | New SOFCs anodes based on self-assembled nanostructures : structural, morphological and surface chemistry investigations | Stiinta materialelor | PE5_12 | Intelligent materials - self assembled materials |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|------------------------------|--------|---|
| 407 | PN-II-RU-TE-2012-3-0417 | Mihai | Laura | National Institute for Laser, Plasma and Radiation Physics | Forcingul Radiativ al Aerosolului Determinat la Scara Locala din Date Observationale si Modelate | Aerosol Radiative Forcing Determined at Local Scale using Observational and Modeled Data (ARFOM) | Stiintele pamantului | PE10_3 | Climatology and climate change |
| 408 | PN-II-RU-TE-2012-3-0418 | Cioatera | Nicoleta | Universitatea din Craiova | Optimizarea nanostructurilor de tip oxid solid pentru pilele de combustie ceramice care functioneaza la temperaturi intermediare | Optimization of solid oxide nanostructures for Intermediate-Temperature Solid Oxide Fuel Cells (IT-SOFC) | Stiinte ingineresti | PE8_9 | Materials engineering (biomaterials, metals, ceramics, polymers, composites, ...) |
| 409 | PN-II-RU-TE-2012-3-0419 | VLAD | CIPRIAN | "Dunarea de Jos University" of Galati | Controlul ierarhizat inteligent al sistemelor distribuite de productie și utilizare a energiei electrice | Hierarchical intelligent control of grid distributed systems for generating and using electrical energy | Stiinte ingineresti | PE7_1 | Control engineering |
| 410 | PN-II-RU-TE-2012-3-0420 | Cosma | Smaranda Adina | Univeritatea Babes-Bolyai | Abordari inovative avansate si aplicative de masurare a performantelor si competitivitatii destinatiilor turistice | Advanced and applied innovative approaches for measuring performance and competitiveness of tourist destinations | Stiinte sociale si economice | SH1_6 | Consumer choice, behavioral economics, marketing |
| 411 | PN-II-RU-TE-2012-3-0421 | CALU | DANIELA ARTEMISA | The Bucharest University of Economic Studies | Studiu euristic privind raportarea in Romania: o analiză a comportamentului contabililor și managerilor utilizând teoria acțiunii gândite | Heuristic Study Concerning Disclosure in Romania: An Analysis of Accountants' and Managers' Behavior Using Theory of Reasoned Action | Stiinte sociale si economice | SH1_5 | Competitiveness, innovation, research and development |
| 412 | PN-II-RU-TE-2012-3-0422 | Maxim | Catalin | University of Bucharest | Noi caramizi chirale pentru obtinerea de materiale magnetice moleculare | Chiral building-blocks in designing molecular magnetic materials | Chimie | PE5_14 | Coordination chemistry |
| 413 | PN-II-RU-TE-2012-3-0423 | Caraiman | Simona | "Gheorghe Asachi" Technical University of Iasi | Aplicatii ale calculului cuantic in procesarea grafica | Quantum Computer Graphics and Image Processing | Matematica si Informatica | PE6_7 | Theoretical computer science including quantum information |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|--|---|------------------------------|--------|------------------------------------|
| 414 | PN-II-RU-TE-2012-3-0424 | Ivan | Liliana-Mihaela | Universitatea "Alexandru Ioan Cuza" din Iasi | Analiza teoretica si experimentală a dinamicii straturilor duble in plasma. Aplicatii. | Experimental and theoretical investigations of the double layers dynamics in plasma. Applications. | Fizica | PE2_5 | Gas and plasma physics |
| 415 | PN-II-RU-TE-2012-3-0425 | Petrescu | Dacina Crina | Universitatea Babes-Bolyai | Modelarea politicilor, practicilor, participare publica in utilizarea durabila a apei si reducerea disparitatilor sociale din zone rurale ale Romaniei | Shaping policies, inspiring practices, public participation for sustainable water use and social disparities alleviation in Romanian rural areas | Stiinte sociale si economice | SH3_1 | Environment and sustainability |
| 416 | PN-II-RU-TE-2012-3-0426 | Slusanschi | Emil | Universitatea "Politehnica" din Bucuresti - Centrul National de Tehnologia Informatiei | Diferentiere Automatizata pentru Fisiere de tip Class in Java | Automatic Differentiation for Java Class files | Matematica si Informatica | PE6_9 | Scientific computing |
| 417 | PN-II-RU-TE-2012-3-0427 | Draghici | Alina Gabriela | Academy of Economic Studies | Avantajul competitiv in rețeaua de afaceri. Studiu de caz exploratoriu a rolului orchestratorului in industria ospitalitatii din Romania | Competitive Advantage in Business Networks. An Exploratory Case Study of the Orchestrators Role in Romanian Hospitality Industry | Stiinte sociale si economice | SH1_7 | Organization studies, strategy |
| 418 | PN-II-RU-TE-2012-3-0428 | Bojin | Maria Florina | University of Medicine and Pharmacy "Victor Babes" Timisoara | Evaluarea subtipurilor celulelor stem mezenchimale si a mecanismelor pentru regenerarea si reconstructia tisulara folosind modele in vitro si in vivo | Evaluation of mesenchymal stem cells subtypes and mechanisms involved in tissue regeneration and reconstruction using in vitro and in vivo models | Biologie si Ecologie | LS3_12 | Stem cell biology |
| 419 | PN-II-RU-TE-2012-3-0429 | Lazar | Catalin | Institute of Biochemistry of Romanian Academy | Rolul degradarii asociate reticulului endoplasmatic in stabilirea infectiei cronice cu virusul hepatitei B | The role of the endoplasmic reticulum-associated degradation in establishment of persistent Hepatitis B Virus infection | Biologie si Ecologie | LS1_1 | Molecular biology and interactions |
| 420 | PN-II-RU-TE-2012-3-0430 | Mihai | Oltean | University of Medicine and Pharmacy Timisoara | Abordari inovative pentru reducerea leziunii de preservare-reperfuzie in transplantul intestinal. Studii in model preclinic. | Innovative approaches for alleviating preservation/reperfusion injury in intestinal transplantation. Studies in a preclinical model. | Biologie si Ecologie | LS4_1 | Organ physiology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|---|--|--------|---|
| 421 | PN-II-RU-TE-2012-3-0431 | Mariana | Balaci | Universitatea de Vest din Timisoara | Imagine si realitate in Dacia romana | Image and reality in Roman Dacia | Stiinte umaniste | SH6_3 | Ancient history, ancient cultures |
| 422 | PN-II-RU-TE-2012-3-0432 | Dorin | Popa | Universitatea "Alexandru Ioan Cuza" din Iasi | Mai multa interactivitate, mai putina intimitate. Conexiuni intre new media si noile audiente sau cand feed-backul devine control | More interactivity, less intimacy. Connections between new media and new audiences or when feedback means control | Stiinte sociale si economice | SH2_12 | Communication networks, media, information society |
| 423 | PN-II-RU-TE-2012-3-0433 | Kusko | Mihai | National Institute for Research and Development in Microtechnologies | Laseri integrati pe baza de straturi subtiri polimerice | Integrated polymer thin film lasers | Stiinte ingineresti | PE7_5 | Micro- and nanoelectronics, optoelectronics |
| 424 | PN-II-RU-TE-2012-3-0434 | Chialda | Radu Vasile | Academia Romana - Filiala Iasi | Barbaria contemporană | Contemporary Barbarism | Stiinte umaniste | SH4_12 | Ethics and morality, bioethics |
| 425 | PN-II-RU-TE-2012-3-0435 | Zdreghea | Mihnea | INSTITUTUL ONCOLOGIC PROF. DR. ION CHIRICUTA CLUJ-NAPOCA | Modularea de catre metaloproteinaze a lanturilor asociate CMH de clasa I A si B, de suprafata si solubile, in leucemii acute | Metalloproteinase modulation of surface and soluble MHC class I related chain A and B in acute leukemias | Medicina | LS6_1 | Innate immunity |
| 426 | PN-II-RU-TE-2012-3-0436 | lung | rodica ioana | Universitatea Babeş-Bolyai | Teoria comportamentala a jocurilor - metode, modele si simulari folosind inteligenta computationally | Behavioral Game Theory and Beyond Computational Intelligence Methods, Models and Simulations | Stiinte sociale si economice | SH1_5 | Competitiveness, innovation, research and development |
| 427 | PN-II-RU-TE-2012-3-0437 | Crognale | Silvia | Fundatia Sapientia - Universitatea Sapientia | Lipaze microbiene halotolerante pentru bio-procese de mediu si industriale | Microbial halotolerant lipases for bio-based industrial and environmental processes | Stiintele vietii aplicate si Biotehnologii | LS9_9 | Biotechnology, bioreactors, applied microbiology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Compentia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|----------------|------------------|--|--|---|----------------------|--------|---|
| 428 | PN-II-RU-TE-2012-3-0438 | POPA | MIHAELA | Technical University of Cluj-Napoca | Sisteme pe baza de ZnO cu proprietati optice controlate, pentru aplicatii in celule solare | Controlled optical properties of ZnO based systems for solar cell applications (ZOPTSOL) | Stiinta materialelor | PE5_4 | Thin films |
| 429 | PN-II-RU-TE-2012-3-0439 | Cimpoesu | Dorin | Universitatea "Alexandru Ioan Cuza" din Iasi | Procese de comutare a magnetizarii asistate energetic - efecte dinamice si termice | Energy assisted magnetization reversal - dynamics and thermal effects (DYNAMIC) | Fizica | PE3_11 | Magnetism |
| 430 | PN-II-RU-TE-2012-3-0440 | Constantinescu | Ovidiu Dragos | Institute for Space Sciences | Excitarea, propagarea si disiparea undelor ULF in magnetosfera (ERODIUM) | Excitation, propagation and dissipation of ULF waves in the magnetosphere (ERODIUM) | Fizica | PE9_15 | Space Sciences |
| 431 | PN-II-RU-TE-2012-3-0441 | Marcu | Marius | Politehnica University of Timisoara | Platforma Software Centrata pe Utilizator pentru Dezvoltarea Aplicatiilor Mobile Adaptabile Energetic | User Centric Power Management Platform for Energy-Aware Mobile Applications | Stiinte ingineresti | PE7_6 | Communication technology, high-frequency technology |
| 432 | PN-II-RU-TE-2012-3-0442 | Furtos | Gabriel | "Raluca Ripan" Institute of Chemistry | Noi cimenturi nanocompozite antimicrobiene cu aplicatii potentiale in medicina | Novel antimicrobial nanocomposite cements with potential applications in medicine | Medicina | LS7_1 | Medical engineering and technology |
| 433 | PN-II-RU-TE-2012-3-0443 | Popescu | Carmen-Mihaela | Petru Poni Institute of Macromolecular Chemistry of Romanian Academy | O noua abordare in definirea corelatiei dintre structura si rigiditatea lemnului parte componenta a patrimoniului cultural | A novel approach in defining the correlation between microstructure and stiffness of cultural heritage wood | Stiinte umaniste | SH6_12 | Cultural heritage |
| 434 | PN-II-RU-TE-2012-3-0444 | Claudiu | Bisu | University Politehnica of Bucharest | Model on-line de monitorizare si diagnoza pentru procesele tridimensionale de frezare si gaurire | On-line monitoring and diagnostic model for three-dimensional milling and drilling process. | Stiinte ingineresti | PE8_10 | Production technology, process engineering |

Program RESURSE UMANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|-------------------|---|---|--|------------------------------|--------|---|
| 435 | PN-II-RU-TE-2012-3-0445 | Pop | Ovidiu Horea | Babes-Bolyai University, Faculty of Greek-Catholic Theology | Modernizarea societatii romanesti prin scoala. Contributia scolilor Bisericii Romane Unite in perioada 1848-1900 | The Modernizing of the Romanian Society through School. The Contribution of the Schools of the Romanian United Church during 1848-1900 | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 436 | PN-II-RU-TE-2012-3-0446 | Ilie | Simona Florentina | Research Institute fo Quality of Life | Ocuparea romilor: traditii, precaritate si strategii de succes | Roma employment: tradition, precarity and success strategies | Stiinte sociale si economice | SH2_2 | Ageing, work, social policies |
| 437 | PN-II-RU-TE-2012-3-0447 | Vancea | Szende | University of Medicine and Pharmacy Targu Mures | Determinarea unor antiepileptice de generatia a treia din probe de microdializa, aplicatii farmacocinetice posibile | Determination of third-generation antiepileptic drugs from microdialysis samples, possible application to a brain penetration study | Medicina | LS7_3 | Pharmacology, pharmacogenomics, drug discovery and design, drug therapy |
| 438 | PN-II-RU-TE-2012-3-0448 | Gorun | Hadrian | "Constantin Brâncuși University" of Târgu-Jiu | "Românii în timpul Marelui Război. Război, societate, comemorare între anii 1914-1922" | "Romanians during the Great War. War, Society and Commemoration between the Years 1914-1922" | Stiinte umaniste | SH6_5 | Modern and contemporary history |
| 439 | PN-II-RU-TE-2012-3-0449 | Dumitru | Ioan | Alexandru Ioan Cuza University | Studiul comportarii in microunde a sistemelor de nanofire magnetic nesaturate | Microwave behavior study on non-saturated magnetic nanowire systems | Fizica | PE3_11 | Magnetism |
| 440 | PN-II-RU-TE-2012-3-0450 | FLORA | GAVRIL | Universitatea Creștină Partium | Dezvoltarea calității vieții, identitate și optimizarea habitatului in orașele mici din nord-vestul României | Life Quality Development, Identity and Habitat Optimisation in the Small Towns of North-Western Romania | Stiinte sociale si economice | SH2_1 | Social structure, inequalities, social mobility |
| 441 | PN-II-RU-TE-2012-3-0451 | Mitrica | Eugen | The Bucharest Academy of Economic Studies | Determinarea costului capitalului, pe sectoare de activitate si utilizarea acestuia in evaluarea investitiilor si companiilor din Romania | Estimating the Sectoral Cost of Capital Involved in Evaluation of Investments and Companies, in Romania | Stiinte sociale si economice | SH1_4 | Financial markets, banking and corporate finance |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|------------------------------|--------|---|
| 442 | PN-II-RU-TE-2012-3-0452 | Ponta | Oana | Babes-Bolyai University Interdisciplinary Research Institute on Bio Nano-Sciences | Biomateriale organice-anorganice hibride cu incapsulare de agenti terapeutici ecologici | Organic-inorganic hybrid biomaterials entrapping "green" therapeutic agents | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 443 | PN-II-RU-TE-2012-3-0453 | Oltean | Mihai | Universitatea Babes-Bolyai | Masini care se autoreplica si autorepara | Self-replicating and self-repairing machines | Matematica si Informatica | PE6_8 | Intelligent systems |
| 444 | PN-II-RU-TE-2012-3-0454 | Mitrica | Bogdan | Horia Hulubei National Institute of Physics and Nuclear Engineering | Investigarea miuonilor atmosferici pentru clarificarea naturii razelor cosmice si propagarea lor prin atmosfera terestra | The investigation of the atmospheric muons to clarify the nature of the cosmic rays and their propagation through the Earth's atmosphere | Fizica | PE9_10 | High energy and particles astronomy - X-rays, cosmic rays, gamma rays, neutrinos |
| 445 | PN-II-RU-TE-2012-3-0455 | Pasol | Vicentiu | Institute of Mathematics "Simion Stoilow" of the Romanian Academy | Serii Multiple Dirichlet | Multiple Dirichlet Series | Matematica si Informatica | PE1_3 | Number theory |
| 446 | PN-II-RU-TE-2012-3-0456 | Constantin | Ticu | UNIVERSITATEA ALEXANDRU IOAN CUZA DIN IASI | EXPLORAREA ŞI EXTINDEREA MODELULUI CONGRUENŢEI SINELUI: ROLUL SINELUI AUTENTIC, PERSISTENŢEI MOTIVAŢIONALE ŞI DINAMICII EMOŢIONALE | EXPLORING AND EXTENDING THE SELF-CONCORDANCE MODEL: THE ROLE OF THE AUTHENTIC SELF, MOTIVATIONAL PERSISTENCE AND EMOTIONAL DYNAMICS | Stiinte sociale si economice | SH4_4 | Clinical and experimental psychology |
| 447 | PN-II-RU-TE-2012-3-0457 | Bobb | Vasile Catalin | Universitatea Babes Bolyai | Identitate, Istorie, Dialog - noi configurari conceptuale in cadrul culturii digitale | Identity, History, Dialogue - new conceptual configuration within the framework of digital culture | Stiinte umaniste | SH4_10 | Philosophy, history of philosophy |
| 448 | PN-II-RU-TE-2012-3-0458 | FEZI | Bogdan Andrei | University of Architecture and Urbanism "Ion Mincu", Bucharest | Şcoala bucureşteană de arhitectură şi urbanism trecând de la influenţe străine la exporturi | Bucharest School of Architecture and Urbanism Going from Foreign Influences to Exports | Stiinte umaniste | SH5_10 | History of art and architecture |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|---|----------------------|---------|--|
| 449 | PN-II-RU-TE-2012-3-0459 | Julea | Andreea Maria | Institutul de Stiinte Spatiale - Institutul National de Fizica Laserilor, Plasmei si Radiatiei | Extragere de motive secvențiale spațio-temporale bazată pe constrângeri pentru caracterizarea Seriilor Temporale de Imagini Satelitare | Constraint-based Spatio-temporal Sequential Pattern Mining for Satellite Image Time Series Characterization | Stiintele pamantului | PE10_14 | Earth observations from space/remote sensing |
| 450 | PN-II-RU-TE-2012-3-0460 | Catalin | Ion | Transilvania University of Brasov | Contribuții la utilizarea microhidrocentralelor pentru alimentarea cu energie electrică a consumatorilor izolați | Contributions to micro hydro power plants utilisation for isolated consumers supply | Stiinte ingineresti | PE7_2 | Electrical and electronic engineering: semiconductors, components, systems |
| 451 | PN-II-RU-TE-2012-3-0461 | Gligor | Mihai | "1 Decembrie 1918" University | De la inhumatie la incineratie in neoliticul si eneoliticul romanesc. Noi dovezi arheologice, practici mortuare si abordari osteologice. | From Inhumation to Cremation in Romanian Neolithic and Eneolithic. New Archaeological Evidence, Burial Practices, and Osteological Approach | Stiinte umaniste | SH6_2 | Prehistory and protohistory |
| 452 | PN-II-RU-TE-2012-3-0462 | Negrău | Elisabeta | Universitatea Națională de Arte, București | REPERTORIUL PICTURII MURALE BRÂNCOVENEȘTI. JUDEȚELE ARGHEȘ, DÂMBOVIȚA, ILFOV | THE REPERTORY OF THE BRANCOVAN MURAL PAINTING. COUNTIES OF ARGES, DAMBOVITA, ILFOV | Stiinte umaniste | SH5_10 | History of art and architecture |
| 453 | PN-II-RU-TE-2012-3-0463 | Vlad | Adelina | Universitatea de Medicina si Farmacie "Carol Davila" | Mobilizarea celulelor endoteliale progenitoare indusa de preconditionarea anestezica reduce restenoza intrastent prin regenerare endoteliala precoce | Mobilization of endothelial progenitor cells following anesthetic preconditioning reduces in-stent restenosis by early endothelial regeneration | Biologie si Ecologie | LS4_7 | Cardiovascular diseases |
| 454 | PN-II-RU-TE-2012-3-0464 | Ionescu | Cristian Dumitru | National Institute for Laser, Plasma and Radiation Physics - Institute of Space Sciences | Investigarea formarii microfazelor in fluide coloidale cu variatie tridimensionala a profilului densitatii, caracterizate prin interactiuni competitive | Investigation of Microphase Formation in Colloidal Fluids with Three Dimensional Density Profile Variation, Characterized by Competing Interactions | Fizica | PE3_18 | Phase transitions, phase equilibria |
| 455 | PN-II-RU-TE-2012-3-0465 | Sanda | Iepure | Romanian Academy, Institute of Speleology "Emil Racovita", Cluj | Evaluarea integrata a starii ecosistemelor din apele subterane ca raspuns la perturbarile antropice | Integrated assessment of groundwater ecosystems status in response to anthropogenic disturbance | Biologie si Ecologie | LS8_4 | Biodiversity, comparative biology |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|---|--|--|------------------------------|-------|---|
| 456 | PN-II-RU-TE-2012-3-0466 | Budriga | Olimpia | National Institute for Laser, Plasma and Radiation Physics | Efectele coerenței generate spontan și a pompașului incoerent în sisteme folosite pentru procesarea cuantică a informației și a calculului cuantic | Effects of Spontaneously Generated Coherence and Incoherent Pumping in Systems Used for Quantum Information Processing and Quantum Computing | Fizica | PE2_8 | Optics and quantum optics |
| 457 | PN-II-RU-TE-2012-3-0467 | Scarisoareanu | Nicu Doinel | National Institute for Laser, Plasma & Radiation Physics (INFLPR) | Obținerea de filme subțiri fără plumb de (Ba _{1-x} Cax)(Ti _{1-y} Zry)O ₃ cu proprietăți piezoelectrice înalte pentru microelectronica | Lead-free thin film of (Ba _{1-x} Cax)(Ti _{1-y} Zry)O ₃ system with large piezoelectric properties for microelectronics. | Știința materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 458 | PN-II-RU-TE-2012-3-0468 | Mihaela | Iacob | Institutul de Cercetări Eco-Muzeale | DobrogeaNVM. Baza de date on line a descoperirilor monetare de perioadă greacă, romană și otomană din Dobrogea | DobrudjaNVM. Online Database of the Numismatic Discoveries of the Greek, Roman and Ottoman Period in Dobrudja | Științe umaniste | SH6_3 | Ancient history, ancient cultures |
| 459 | PN-II-RU-TE-2012-3-0469 | Bengea | Nicoleta Simona | UNIVERSITATEA TITU MAIORESCU BUCUREȘTI | Un nou concept pentru terapia asistată magnetică a cancerului | A new concept for magnetically assisted cancer therapy | Biologie și Ecologie | LS1_1 | Molecular biology and interactions |
| 460 | PN-II-RU-TE-2012-3-0470 | Sandric | Ionut | Universitatea din București | Instrumente GIS și metode de analiză spatio-temporală pentru evaluarea vulnerabilității societății la hazardele naturale | GIS instruments and spatiotemporal methods for assessment of social vulnerability to environmental hazards | Științe sociale și economice | SH3_4 | Geographical information systems, cartography |
| 461 | PN-II-RU-TE-2012-3-0471 | Popescu | Costin-Ioan | Institute of Biochemistry of the Romanian Academy | Vizualizarea în timp real a modulelor virale în timpul asamblării virusului Hepatitei C | Real-time imaging of the viral modules during Hepatitis C Virus assembly | Medicina | LS6_8 | Virology |
| 462 | PN-II-RU-TE-2012-3-0472 | Belu | Constantin | The Bucharest Academy of Economic Studies | Indicatori de performanță și legătura cu competitivitatea și stabilitatea sectorului bancar | Performance indicators and the link with competitiveness and stability of the banking system | Științe sociale și economice | SH1_4 | Financial markets, banking and corporate finance |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|---|---------------------------|--------|---|
| 463 | PN-II-RU-TE-2012-3-0473 | Petrusel | Gabriela | Babes-Bolyai University Cluj-Napoca | Operatori Picard si slab Picard in spatii gauge | Picard and weakly Picard operators in gauge spaces | Matematica si Informatica | PE1_8 | Analysis |
| 464 | PN-II-RU-TE-2012-3-0474 | Truta | Lucia Adina | Universitatea Babes-Bolyai | Cancerul pulmonar - evaluarea riscului si posibile mijloace pentru diagnosticare precoce | Lung cancer - risk assessment and possible means for early diagnosis | Medicina | LS7_11 | Environment and health risks including radiation |
| 465 | PN-II-RU-TE-2012-3-0475 | Botond | Papp | Babes-Bolyai University | RADONUL, PRECURSOR GEOFIZIC AL CUTREMURELOR SI ACTIVITATILOR SEISMICE DIN ZONA VRANCEA (ROMANIA) | RADON AS A PRECURSOR OF THE SEISMIC ACTIVITIES AND EARTHQUAKES FROM VRANCEA AREA (ROMANIA) | Stiintele pamantului | PE10_7 | Physics of earth's interior, seismology, volcanology |
| 466 | PN-II-RU-TE-2012-3-0476 | Kirei | Botond Sandor | Technical University of Cluj Napoca | Noi abordari in analiza si proiectarea sintetizoarelor de frecventa de mare performanta pentru sisteme de comunicatii moderne | New approaches in the analysis and design of high performance frequency synthesizers for frequency-hopping transceivers | Stiinte ingineresti | PE7_6 | Communication technology, high-frequency technology |
| 467 | PN-II-RU-TE-2012-3-0477 | Burnichioiu | Ileana | UNIVERSITATEA "1 DECEMBRIE 1918" ALBA IULIA | Viata monastica, arta si tehnologie la manastirea Bizere (jud. Arad) | Monastic Life, Art and Technology at the Bizere Monastery (Arad County, Romania) | Stiinte umaniste | SH6_4 | Medieval history |
| 468 | PN-II-RU-TE-2012-3-0478 | Ionita | Mariana | University Politehnica of Bucharest | O abordare combinata modelare la multiscala si experimente pentru desing-ul bazat pe cunoastere al materialelor polimer-grafena pentru separarea gaze | Multi-scale computational approach and experiments towards knowledge-based design of polymer-graphene membrane materials for selective gas separation | Stiinta materialelor | PE5_8 | New materials: oxides, alloys, composite, organic-inorganic hybrid, superconductors |
| 469 | PN-II-RU-TE-2012-3-0479 | Stanculescu | Ioana Rodica | Horia Hulubei National Institute for Physics and Nuclear Engineering | Tehnici avansate de caracterizare a bunurilor de patrimoniu pe suport celulozic în vederea conservării prin iradiere gamma | Advanced characterization techniques of cellulosic heritage goods in view of conservation by gamma irradiation | Chimie | PE4_16 | Radiation chemistry |

Program RESURSE UMNANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|---|------------------------------|--------|--|
| 470 | PN-II-RU-TE-2012-3-0480 | ȘERBAN | MIHAI | Societatea Stiintifica Romana de Cercetari Interdisciplinare | SERVICIILE SECRETE CA INSTRUMENTE ALE PUTERII POLITICE ÎN STATELE DIN SUD-ESTUL EUROPEI DIN SPATELE CORTINEI DE FIER | SECRET SERVICES AS A TOOLS OF POLITICAL POWER IN SOUTH-EASTERN EUROPE STATES BEHIND THE IRON CURTAIN | Stiinte sociale si economice | SH2_7 | Transformation of societies, democratization, social movements |
| 471 | PN-II-RU-TE-2012-3-0481 | Jurju | Aurel | National Institute for Research and Development of Isotopic and Molecular Technologies | Studiul teoretic al dinamicii rețelelor polimerice modelate cu structuri fractalice multi-ierarhice and cu structuri fractalice multi-strat | Theoretical study of the dynamics of polymer networks modeled by multi-hierarchical fractal structures and multi-layered fractal structures | Fizica | PE3_17 | Statistical physics (condensed matter) |
| 472 | PN-II-RU-TE-2012-3-0482 | Axinciuc | Madeea | University of Bucharest | Materie si experienta transfigurării (MatrEx). Modele ale transfigurării în religie și știință - o abordare metadisciplinară | Matter and the Transfiguration Experience (MaTrEx). Models of Transfiguration in Religion and Science - A Metadisciplinary Approach | Stiinte umaniste | SH2_4 | Myth, ritual, symbolic representations, religious studies |
| 473 | PN-II-RU-TE-2012-3-0483 | Breaban | Mihaela | Universitatea "Alexandru Ioan Cuza" din Iași | Învățare automată și Programare cu restricții - un cadru unificat sub Calculul Natural | Machine Learning and Constraint Programming - a unified framework under Natural Computing | Matematica si Informatica | PE6_8 | Intelligent systems |
| 474 | PN-II-RU-TE-2012-3-0484 | Gheorghe | Cristina | National Institute for Laser, Plasma and Radiation Physics | Noi materiale laser ceramice cu emisie eficienta in domeniul spectral vizibil | New ceramic laser materials with efficient emission in the visible spectral range | Stiinta materialelor | PE5_1 | Structural properties of materials |
| 475 | PN-II-RU-TE-2012-3-0485 | Florescu | Monica | Transilvania University of Brasov | Dezvoltarea unei platforme inovative cu senzori si biosenzori cu suprafete functionalizate pentru masuratori directe in timp real ale biomarkerilor | Development of innovative label-free sensing and biosensing platform for real time analysis of biomarkers on functionalized surfaces | Medicina | LS7_2 | Diagnostic tools (e.g. genetic, imaging) |
| 476 | PN-II-RU-TE-2012-3-0486 | Milac | Adina-Luminita | Institute of Biochemistry of the Romanian Academy | Structura, dinamica si modularea activitatii canalelor ionice activate de potential. Aplicatii la canale ionice activate prin hiperpolarizare (HCN) | Structure, dynamics and modulation of voltage-gated ion channels with a focus on Hyperpolarization-activated Cyclic-nucleotide gated (HCN) channels | Biologie si Ecologie | LS2_11 | Computational biology |

Program RESURSE UMANE_Proiecte de cercetare pentru stimularea constituirii de tinere echipe de cercetare independente_Competitia 2012

Lista propuneri proiecte primite

| Nr. crt. | Cod | Nume director | Prenume director | Institutie | Titlu (RO) | Titlu (Engl) | Domeniu | arie | Denumire arie |
|----------|-------------------------|---------------|------------------|--|---|--|------------------------------|-------|--|
| 477 | PN-II-RU-TE-2012-3-0487 | Branzila | Marius | "Gheorghe Asachi" Technical University of Iasi | Strategii pentru reducerea impactului asupra mediului: sistem ecologic pentru reducerea apelor uzate provenite din activități umane | Strategies for Environmental Impact Reduction: Ecological System for Wastewater Minimization from Human Activities | Stiinte sociale si economice | SH3_1 | Environment and sustainability |
| 478 | PN-II-RU-TE-2012-3-0488 | Bako | Laszlo | Fundatia Sapientia Universitatea Sapientia | Proiectarea și implementarea sistemelor încorporate în timp real cu arhitectură adaptivă | Design and implementation of real-time embedded systems with architectural adaptability | Stiinte ingineresti | PE7_2 | Electrical and electronic engineering: semiconductors, components, systems |