

Sabanci University

RESEARCH AND GRADUATE POLICY DIRECTORATE

SUPPORTS YOUR RESEARCH AT SU

in January 2013, features

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1. RGP Special Issue

Dear Colleagues,

Within the goal of "Turkey's taking place among the top 10 economies in the world by the year 2023" and the decision taken on 27 December 2011 in the 23rd meeting of the highest decision making body in determining Turkey's long term science, technology and innovation policies, The Supreme Council for Science and Technology (SCST) which is "Developing Policy Tools to Trigger Innovation and Entrepreneurship in the Universities", the activities realized in 2012 made it compulsory for the universities to revise their organizational structure in order to be able to manage these processes and to make changes in order to be able to adapt. The year 2012 through this transformation process the policies followed by our country in terms of science, technology and innovation bears a determinative characteristic for the following period.

In this new climate the fact that our university took a place among the actors shaping this process with the mission of "creating and developing together" became a natural process and as a result it ranked as the first in the gradation in "The Entrepreneurial and Innovative University carried out by The Ministry of Science, Industry and Technology; and again obtained the "University-Industry Cooperation Award" organized by the Ministry of Science, Industry and Technology in the 1st University-Industry Cooperation Summit.

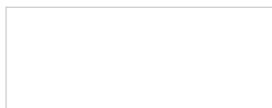
2012 marked an important year for research at Sabancı University, with many meaningful successes. The cumulative value of research funding has reached to 101 MTL* since 2005. Budget value of ongoing 192 projects is 50 MTL* as of the end of January 2013. As you will see in Figure 1. Budget Distributions of Ongoing Projects, the biggest distribution of this value belongs to TUBITAK projects with 42%, followed by Business Enterprises projects with 29%. Receiving almost 25 MTL* in research funding and the University's Business Enterprises funding reached nearly 12 MTL* with 45 projects in 2012. According to "EU 7th Framework Program Interim Evaluation Report (1 January 2007-30 June 2012)" that has been prepared by TUBITAK, Sabancı University is highly successful at the EU 7th Framework Program; number one according to the number of grant per faculty member among Turkish universities. Thank you for a successful year 2012.



Figure 1. Budget Distributions of Ongoing Projects

In 2013, the most important target will be ensuring sustainability of research performance of Sabancı University. With this perspective, RGP will continue to support faculty members to improve research funding, will continue generate and disseminate graduate studies, will continue its active role in developing partnerships with public and private institutions, both at national and international level, and will continue to closely monitor the science, technology and innovation policies and provide advice to SU on implementation of its strategic research objectives

We look forward to continuing to work with faculty members, students, staff and other members of the Sabancı University as we continue to convert our university into one of the major research institutions in the world. Warmest regards,



Hasan Mandal

*The projects in the contract phase are included

2. Open Call for Proposals

EU 7TH FRAMEWORK - TUBITAK- COST - MINISTRY OF SCIENCE, INDUSTRY AND TECHNOLOGY - BOREN - EMBO - ECF

Sponsored Institution	Call Title	Deadline for Submission
EU 7 th FRAMEWORK PROGRAM (FP7) COOPERATION SPECIFIC PROGRAM		

Food, Agriculture and Fisheries, Biotechnology		
EU FP7-Cooperation	ERA-NET Call 2013	February 28, 2013
Information & Communication Technologies		
EU FP7-Cooperation	FET Open	March 12, 2013
EU FP7-Cooperation	ICT call 11	April 16, 2013
Nanosciences, Nanotechnologies, Materials and new Production Technologies (NMP)		
EU FP7-Cooperation	ERA-NET Call 2013	February 28, 2013
Energy		
EU FP7-Cooperation	ERA-NET Call 2013	February 28, 2013
Environment (including Climate Change)		
EU FP7-Cooperation	ERA-NET Call 2013	February 28, 2013
EU FP7-Cooperation	ENVIRONMENT 2013-WATER INNO&DEMO	April 04, 2013
Transport (Including Aeronautics)		
EU FP7-Cooperation	ERA-NET Call 2013	February 28, 2013
EU FP7-Cooperation	FP7-AERONAUTICS and AIR TRANSPORT (AAT)-2012-RTD-L0	March 14, 2013
EU FP7-Cooperation	FP7-AERONAUTICS and AIR TRANSPORT (AAT)-2013-RTD-High Speed	March 29, 2013
Socio-Economic Sciences and The Humanities		
EU FP7-Cooperation	ERA-NET Call 2013	February 28, 2013
Joint Technology Initiatives (Annex IV-SP1)		
EU FP7-Cooperation	IMI 8th Call	March 19, 2013
EU FP7-Cooperation	Clean Sky JTI 2013-01	April 18, 2013
EU FP7-Cooperation	FCH JU Call for Proposals 2013 Part 1	May 22, 2013
EU FP7 IDEAS SPECIFIC PROGRAM		
EU FP7-Ideas	Call for proposals for ERC Consolidator Grant	February 21, 2013
EU FP7-Ideas	Calls for proposals for ERC Proof of Concept Grant	October 03, 2013
EU FP7 PEOPLE SPECIFIC PROGRAM		

EU FP7-People	MARIE CURIE CAREER INTEGRATION GRANTS (CIG)	March 07, 2013
EU FP7 CAPACITIES SPECIFIC PROGRAM		
Regions of Knowledge		
EU FP7-Capacities	Joint Programming Coordination 2013	March 19, 2013
Research Potential		
EU FP7-Capacities	ERA Chairs Pilot Call	May 30, 2013
Support for the coherent development of research policies		
EU FP7-Capacities	EU Prize for Women Innovators 2014	October 15, 2013
TUBITAK		
TUBITAK	Support Program for Scientific and Technological Research Projects (1001)	March 08, 2013
TUBITAK	Career Development Program (3501)	March 08, 2013
TUBITAK	UBAP-The Participation Program for International Scientific Research Projects (1011)	March 08, 2013
TUBITAK	Support Program for Undergraduate and Pre-Undergraduate Scientific Events for Students and Teachers	March 16, 2013
TUBITAK	Research & Development Program with Priority Fields (1003) Water Calls	April 12, 2013
TUBITAK	Research & Development Program with Priority Fields (1003) Energy Calls	April 12, 2013
TUBITAK	Research & Development Program with Priority Fields (1003) Hydrogen and Fuel Cell Technologies Calls	April 12, 2013
TUBITAK	Support Program for Scientific Events (2223)	April 12, 2013
TUBITAK	Support Program for Graduate Summer School and Similar Events (2217)	May 03, 2013
TUBITAK	Support Program for Project Training Events (2237)	May 03, 2013
TUBITAK	Short-Term R&D Funding Program (1002)	Open
TUBITAK	Support Program for Technology Transfer to Benefit of SMEs (1505)	Open
TUBITAK	European Cooperation in Science and Technology (COST) 2515	Open
TUBITAK	Patent Application Promotion and Support Program (1008)	Open
TUBITAK	Visiting Scientists Fellowship Program (2221)	Open

COST		
EU RTD Framework Program	European Cooperation in the field of Scientific and Technical Research	March 29, 2013
MINISTRY OF SCIENCE, INDUSTRY AND TECHNOLOGY		
Ministry of Science, Industry and Technology	Industry Thesis (SAN-TEZ) Program	March 15, 2012
Ministry of Trade and Industry	Pre-Competition Collaboration Projects	Open
NATIONAL BORON RESEARCH INSTITUTE (BOREN)		
BOREN	Research and Development Projects	Open
EUROPEAN MOLECULAR BIOLOGY ORGANIZATION (EMBO)		
EMBO	EMBO Young Investigators	April 01, 2013
EMBO	EMBO Fellowships	August 15, 2013
EMBO	Federation of European Biochemical Societies (FEBS) EMBO Women in Science Award	October 15, 2013
EMBO	Young Investigator Lecture Grants	Open
EUROPEAN CULTURAL FOUNDATION (ECF)		
ECF	Collaboration Grants	March 25, 2013
ECF	STEP Beyond Travel Grant	Open

3. RGP News

Proposals submitted by RGP

The RGP Directorate has processed 18 proposals for the following sponsoring agencies January 2013.

- 1 proposal for TÜBİTAK COST (European Cooperation in Science and Technology) 2515 Program
- 2 proposals for TÜBİTAK Research & Development Program with Priority Fields Program (1003)
- 2 proposals for TÜBİTAK Science and Social Projects Nature Education and Science Schools (4004)
- 1 proposal for TÜBİTAK Science and Social Projects Science and Society Innovative Educational Applications (4005)
- 1 proposal for TÜBİTAK Technology Transfer Offices Support Program (1513)
- 1 proposal for EU FP7 Cooperation, Information and Communication Technologies (ICT) Program
- 2 proposals for EU FP7 Cooperation, Socio-economic Sciences and Humanities (SSH) Program
- 3 proposals for Central Finance & Contracts Unit (CFCU)
- 1 proposal for Qatar National Research Fund (QNRF)
- 3 proposals for 2527 Intensified Cooperation (IntenC) Program Support for Turkish-German Research Projects
- 1 proposal for Lifelong Learning Leonardo da Vinci Program

Attended Meetings and Events of the RGP Directorate January

- "USI Successful Applications Workshop", January 09, 2013, Dr. Hasan Mandal was an invited speaker in the workshop organized by University-Industry Cooperation Centers Platform (USIMP), Ankara.
- "ERC Consolidator Grants Workshop", January 11, 2013, Dr. Didem Kılıçoğlu attended the workshop, Amsterdam, the Netherland.
- "Council for Entrepreneurial Strategy Workshop", January 11-12, 2013, Dr. Hasan Mandal attended the workshop, organized by KOSGEB, Abant-Bolu.
- "Learning by doing - making interdisciplinarity work", January 15, 2013, Mrs. Gonca Girit McDaniel

attended the conference organized by the international network of National Contact Points for Socio-economic Sciences and Humanities (SSH) NET4SOCIETY in partnership with the European Alliance for the Social Sciences and Humanities (EASSH), Brussels, Belgium .

- "UK – Turkey Knowledge Partnership Conference On Energy And Resource Efficiency In Manufacturing", January 17, 2013, Mr. Abdurrahman Türk attended the conference, İstanbul.
- "EUREKA InfoDay & Brokerage Event", January 24, 2013, Mr. Abdurrahman Türk attended the event, İstanbul.
- "Development of Full Electric Vehicle Technologies Workshop", January 31, 2013, Mr. Abdurrahman Türk attended the workshop, İstanbul.

4. Latest Research News

Sabancı University Faculty has been awarded with 11 new grants form TUBITAK Support Program for Scientific and Technological Research Projects (1001)

Dr. Ali Koşar, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Manipulation of Magnetic Nanoparticle Based Nanofluids and its Applications"

Dr. Erhan Budak, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Investigation of Micro Milling Processes Through Process Modeling and Experimental Techniques & Development of Methods for Increased Productivity in Industrial Applications of Micro Milling "

Dr. Fevzi Çakmak Cebeci, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Advanced Corrosion Resistant Coatings for Aerospace Applications by LbL Technique"

Dr. Gözde Ünal, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for her project entitled "New Mathematical Computing Techniques for Analysis of Pre-Operation vs Post-Operation Changes in Brainstem White Matter Tracts using Diffusion Tensor Imaging"

Dr. Güllü Kızıldağ, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for her project entitled "Design and Fabrication of Ceramic-Polymer based Composite Material Layers for Conformal Antenna Applications"

Dr. Hakkı Yazıcı, Faculty Member of the Arts & Social Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Intergenerational Social Mobility and Its Determinants in Turkey"

Dr. İsmet İ. Kaya, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Investigation of the quantum Hall effect and its breakdown in suspended graphene"

Dr. Javed Kolkar, Researcher of SU Nanotechnology Research and Application Center, has been awarded with TÜBİTAK 1001 Program for his project entitled "Microbial bio-transformation of semiconductor nanomaterials"

Dr. Kerem Bülbül, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Models and Algorithms for Risk Averse Machine Scheduling Problems"

Dr. Saravan Kallempudi, Laboratory Specialist of SU Nanotechnology Research and Application Center, has been awarded with TÜBİTAK 1001 Program for his project entitled "Nanoparticle-modified Protein Segregation using Acoustophoresis"

Dr. Uğur Sezer, Faculty Member of the Engineering and Natural Sciences, has been awarded with TÜBİTAK 1001 Program for his project entitled "Establishment of mutant cellulase and lipase Libraries and database suitable for industrial processes using DNA shuffling"

Sabancı University Faculty has been awarded with 3 new grants form TUBITAK Career Development Program (3501)

Dr. A. Faik Kurtulmuş, Faculty Member of the Arts & Social Sciences, has been awarded with TUBITAK 3501 Program for his project entitled "Epistemic Justice: The Production and Distribution of Knowledge as a Matter of Justice".

Dr. Deniz Sezer, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 3501 Program for his project entitled "Calculation of Dynamic Nuclear Polarization Transfer in Liquids Through Multi-Scale Modeling of Molecular Motions and Spin Interactions".

Dr. Özge Akbulut, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 3501 Program for her project entitled "Separation of Cells in Multiphase Systems".

Sabancı University Faculty has been awarded with 2 new grants from TUBITAK 1010 Global Researcher Program (EVRENA)

Dr. Cleve Ow-Yang, Faculty Member of the Engineering and Natural Sciences, has been awarded with

TÜBİTAK EVRENA for her project entitled "Nanoscale Engineering the Long Afterglow"

Dr. Mehmet Yıldız, Faculty Member of the Engineering and Natural Sciences has been awarded with TÜBİTAK EVRENA for his project entitled "Modeling of Fluid-Solid Interaction problems by Smoothed Particle Hydrodynamics Method"

Sabancı University Faculty has been awarded with 3 new grants from TUBITAK 2236 Co-Funded Brain Circulation Scheme

Dr. Murat Kazancı has been awarded with TUBITAK 2236 Co-Funded Brain Circulation Scheme for his project entitled "Mineralized Collagen Micro and Nanofibers for Artificial Bone Extracellular Matrices" proposed in cooperation with Dr. Yusuf Menciloğlu, FENS Faculty Member, as a scientist in charge

Dr. Shan-Shan Weng has been awarded with TUBITAK 2236 Co-Funded Brain Circulation Scheme for his project entitled "Unfolding Broadband X-ray Spectra of Magnetars in 3D" proposed in cooperation with Dr. Ersin Göğüş, FENS Faculty Member, as a scientist in charge

Dr. Shumaila Karamat has been awarded with TUBITAK 2236 Co-Funded Brain Circulation Scheme for his project entitled "Development of Graphene Nano-Hall Sensors for Scanning Hall Probe Microscopy" proposed in cooperation with Prof. Dr. Ahmet Oral, FENS Faculty Member, as a scientist in charge

Sabancı University Faculty has been awarded with 2 new grants from EU FP7 Cooperation, Information and Communication Technologies, FET Flagship Program

Dr. Selmiye Alkan Gürsel, Faculty Member of the Engineering and Natural Sciences, has been awarded with EU FP7 FET Flagship program for her project entitled "Graphene-Driven Revolutions in ICT and Beyond".

Dr. Volkan Özgüz, Director of SU Nanotechnology Research and Application Center has been awarded with EU FP7 FET Flagship program for his project entitled "The Human Brain Project".

Sabancı University Faculty has been awarded with a new grant from İstanbul Development Agency (İSTKA)

Dr. Selçuk Özyurt, Faculty Member of the Arts & Social Sciences, has been awarded with İSTKA for his project entitled "An Alternative Solution for Traffic Congestion: Making Carpooling Work".

Sabancı University Faculty has been awarded with 3 new awards from METU Prof. Dr. Mustafa Parlar Foundation Research Incentive Award

Dr. Burç Mısırlıoğlu, Faculty Member of the Engineering and Natural Sciences, has been awarded with METU Prof. Dr. Mustafa Parlar Foundation Research Incentive Award.

Dr. İnanç Adagideli, Faculty Member of the Engineering and Natural Sciences, has been awarded with METU Prof. Dr. Mustafa Parlar Foundation Research Incentive Award.

Dr. Selmiye Alkan Gürsel, Faculty Member of the Engineering and Natural Sciences, has been awarded with METU Prof. Dr. Mustafa Parlar Foundation Research Incentive Award.

Sabancı University Faculty has been awarded with a new grant from 2012 EMBO Installation Grant

Dr. Erdal Toprak, Faculty Member of the Engineering and Natural Sciences, has been awarded with 2012 EMBO Installation Grant for his project entitled "Studying Nature of Antibiotic Resistance Evolution"

5. Editorial

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