

Sabanci University

**RESEARCH AND
GRADUATE POLICY
DIRECTORATE**

**SUPPORTS YOUR
RESEARCH AT SU**

in February 2012, features

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1. An Overview of Research in 2011 at Sabanci University - RGP Director's Message

Dear Colleagues,

Last year, the cumulative value of research projects has reached to 76 MTL since 2005. Budget value of ongoing 203 projects is 44,2 MTL as of the end of December 2011. As you will see in Figure 1, the biggest distribution of this value belongs to TUBITAK projects with 42%. Sabanci University is ranked as the fourth university in University Ranking by Academic Performance (URAP) collocation.

Scientific, societal and economic needs, trigger new kinds of research activities. In this content, RGP has been reorganized in the middle of the year. Under this reorganization, there are now three offices as “Research Projects Development Office”, “Research Projects Management Office” and “Technology Transfer Office”. In the scope of this new reorganization scheme, we believe that we will be able to better understand how different dynamics interact and affect research conditions in the global scale. RGP will continue to advice SU on its strategic research direction from a much more comprehensive point of view. Considering the current national research assessments and the new vision of European research policy, we aim at exploring how private industry-academia collaboration and international networking can be improved to the benefit of the University. Our research policy efforts also aim at stimulating the scientific competitiveness and innovation capacity to contribute to the global challenges, and thus enhancing the international visibility of SU.

We are hoping to take the better results of this reorganization and will continue to improve research base of SU by the year 2012. In addition; I am happy to say that we will continue to be active in graduate studies, in the coming year. We kindly expect our Faculty Members continuous cooperation also for 2012.

Best regards,

Hasan Mandal

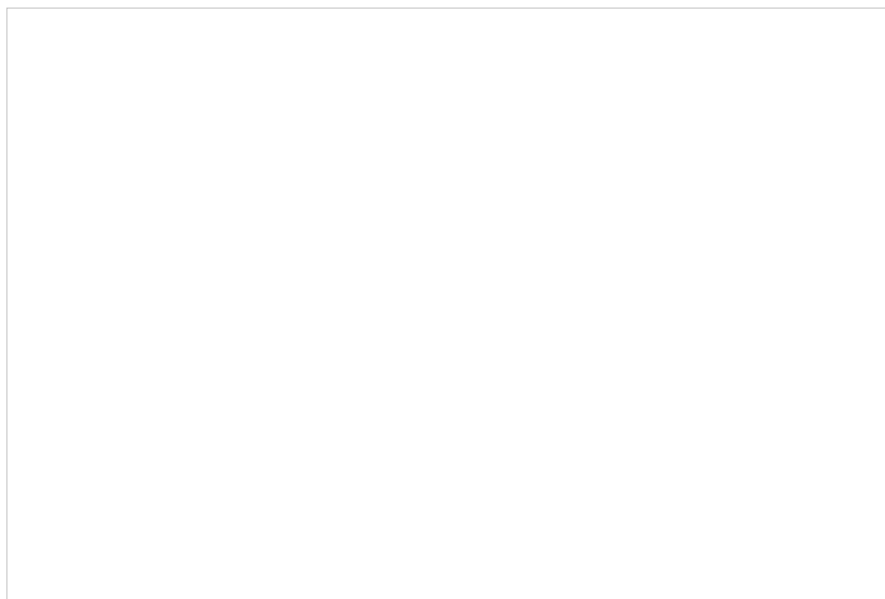


Figure 1. SU Budget Distributions of Ongoing Projects

2. Open Call for Proposals

EU 7th FRAMEWORK - TUBITAK- COST - MINISTRY OF SCIENCE, INDUSTRY AND TECHNOLOGY - BOREN

Sponsored Institution	Call Title	Deadline for Submission
EU 7thFRAMEWORK PROGRAM (FP7) COOPERATION SPECIFIC PROGRAM		
Health		
EU FP7-Cooperation	ERA-NET Call 2012	February 28, 2012
EU FP7-Cooperation	Joint Programming Coordination 2012	March 20, 2012
Food, Agriculture and Fisheries, Biotechnology		
EU FP7-Cooperation	ERA-NET Call 2012	February 28, 2012
Information & Communication Technologies		
EU FP7-Cooperation	FET Open	April 10, 2012
EU FP7-Cooperation	ICT Call 9	April 17, 2012
Nanosciences, Nanotechnologies, Materials & New Production Technologies		
EU FP7-Cooperation	ERA-NET Call 2012	February 28, 2012

Energy		
EU FP7-Cooperation	ERA-NET Call 2012	February 28, 2012
EU FP7-Cooperation	Energy Call Part 2	March 08, 2012
Environment (Including Climate Change)		
EU FP7-Cooperation	Joint Programming Coordination 2012	March 20, 2012
Transport (Including Aeronautics)		
EU FP7-Cooperation	ERA-NET Call 2012	February 28, 2012
EU FP7-Cooperation	FP7-TRANSPORT-2012-MOVE-1	March 01, 2012
EU FP7-Cooperation	FP7-AERONAUTICS and AIR TRANSPORT (AAT)-2012-RTD-L0	March 15, 2012
Socio-Economic Sciences and The Humanities		
EU FP7-Cooperation	ERA-NET Call 2012	February 28, 2012
EU FP7 IDEAS SPECIFIC PROGRAM		
EU FP7-Ideas	ERC Advanced Investigators Grant / Life Sciences	March 14, 2012
EU FP7-Ideas	ERC Advanced Investigators Grant / Social Sciences & Humanities	April 11, 2012
EU FP7 PEOPLE SPECIFIC PROGRAM		
EU FP7-People	MARIE CURIE CAREER INTEGRATION GRANTS (CIG)	March 06, 2012
EU FP7-People	Trans-national Collaboration among EURAXESS members on topics related to the Innovation Union	April 18, 2012
EU FP7-People	Marie Curie Industry-Academia Partnerships and Pathways (IAPP)	April 19, 2012
EU FP7 CAPACITIES SPECIFIC PROGRAM		
EU FP7-Capacities	Joint Programming Coordination 2012 (Regions of Knowledge)	March 20, 2012
TUBITAK		
TUBITAK	Support Program for Scientific and Technological Research Projects (1001)	March, 2012
TUBITAK	Career Development Program (3501)	March, 2012
TUBITAK	EVRENA- Global Researcher Program (1010)	March, 2012
TUBITAK	Support Program for Research Projects of Public Institutions (1007)	March, 2012
TUBITAK	UBAP-The Participation Program for International Scientific Research Projects (1011)	March, 2012
TUBITAK	Visiting Scientists Fellowship Program (2221)	End of every month
TUBITAK	Short-Term R&D Funding Program (1002)	Open
TUBITAK	Support Program for the Initiative to Build Scientific and Technological Cooperation Networks and Platforms (1301)	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
COST		
EU RTD Framework Program	European Cooperation in the field of Scientific and Technical Research	March 30, 2012

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

3. RGP News

RGP Welcomes New Project Specialists; Didem Özgür Özden, Nilgün Eken Uzel and Tuğba Öztürk

RGP is pleased to announce the appointment of Didem Özgür Özden as a project development specialist in PDO, Nilgün Eken Uzel as a project specialist in PMO and Tuğba Öztürk as a project specialist in TTO.

Proposals submitted by RGP

The RGP Directorate has processed 21 proposals for the following sponsoring agencies between October 2011 and February 2012.

- 1 proposal for TUBITAK The Short-Term R&D Funding (1002) Program
- 1 proposal for EU FP7 Capacities Program
- 1 proposal for EU FP7 Capacities REGPOT (Research Potential)
- 2 proposals for EU FP7 Cooperation Transportation Program
- 1 proposal for EU FP7 Cooperation NMP Program
- 2 proposals for EU FP7 Cooperation ICT Program
- 2 proposals for EU FP7 Cooperation ICT-Chist-ERA Call
- 3 proposals for EU FP7-Cooperation SSH Program
- 3 proposals for EU FP7 People Initial Training Networks (ITN) Program
- 1 proposal for EU FP7 People International Research Staff Exchange Scheme (IRSES) Program
- 1 proposal for EU FP7 Ideas ERC Gender aspects in career structures and career paths
- 1 proposal for TUBITAK 2221 Program
- 1 proposal for Instrument for Pre-Accession Assistance (IPA), Technical Assistance for Improved Strategic Management Capacity Program
- 1 proposal for the Institute of Global Dialogue

Attended Meetings and Events of the RGP Directorate between October 2011 and February 2012

- "Marie Curie IAPP Workshop", February 03, 2012, Mrs. Gonca Girit McDaniel attended to the workshops organized by TUBITAK, Ankara.
- "Global Technology Impact Forum (GTIF 2012), January 24-25, 2012, Dr. Hasan Mandal was an invited speaker and Mrs. Zeynep Birsal attended to the seminar, Geneva, Switzerland.
- "Proposal Writing and Financial Workshop", January 23-24, 2012, Mrs. Didem Özgür Özden, Mrs. İclal Tanyol, Mrs. Tuğba Özbaşıoğlu, Mrs. Nilgün Eken Uzel attended to the workshop, Boğaziçi University.
- "University Start-up Conference", January 18-19, 2012, Mrs. Zeynep Birsal attended to the conference, Washington DC, US.
- "EIP ECO Food STM Project Kick-Off Meeting", Mrs. Aslihan Eran attended to the meeting, January 25, 2012 Viborg, Denmark.
- "FP7 Information Day", January 09, 2012, Mrs. Yeşim Kaya, Mrs. Didem Özgür Özden, Mrs. Gamze Çoban, Mrs. Özge Şahin, Mr. Onur Kanyılmaz, Mrs. Nilgün Eken Uzel attended to the info day, TUBITAK, Ankara.
- "Technology Transfer Value Chain", December 10, 2011, Dr. Hasan Mandal and TTO attended to the seminar organized by ARTEV Platform, Sakıp Sabancı Museum, Istanbul.
- "Intellectual Asset Management at Universities", December 09, 2011, Dr. Hasan Mandal and TTO attended to the seminar organized by ARTEV Platform, Koç University, Istanbul.
- "Innovation Convention 2011", December 4-5, 2011, Mrs. Aslihan Eran attended to the conference, Brussels, Belgium.
- "Intellectual Asset Management at Enterprises", November 28, 2011, Dr. Hasan Mandal and TTO attended to the seminar organized by ARTEV Platform, Boğaziçi University, Istanbul.
- "The Role of Universities in the Research-Technology Development-Innovation Processes of Industries", November 15, 2011, Dr. Hasan Mandal made a presentation, Bursa Project Market.
- "Marie Curie ITN and IAPP Workshops", November 14-15, 2011, Mrs. Gonca Girit McDaniel attended to the workshops organized by Yellow Research, Amsterdam, The Netherlands.
- "Combined Fall & Network Meeting of National Technology Transfer Networks", October 27-28, 2011, Mrs. Ebru Ocak attended to the meeting organized by Association of European Science and Technology

Transfer Professionals, Zaandam, The Netherlands.

- "The Role of Universities in the Research-Technology Development-Innovation Processes of Industries", October 26, 2011, Dr. Hasan Mandal made a presentation, İstanbul Şehir University.

4. Latest Research News

Sabancı University Faculty has been awarded with 3 new grants from EU FP7 People Marie Curie Career Integration Grant (CIG) Program

Dr. Erdal Toprak, Faculty Member of the Engineering and Natural Sciences, has been awarded with EU FP7 People, Marie Curie Career Integration Grant for his project entitled "Revealing Antibiotic Resistance Evolution (RARE)".

Dr. Brooke Luetgert, Faculty Member of the Arts & Social Sciences, has been awarded with EU FP7 People, Marie Curie Career Integration Grant for her project entitled "A Comparative Perspective on Parliamentary Legislative Activity and Bureaucratic Delegation (CPAD)".

Dr. Halit Mustafa Tağma, Faculty Member of the Arts & Social Sciences, has been awarded with EU FP7 People, Marie Curie Career Integration Grant for his project entitled "Understanding Iran's Resumption of its Nuclear Program: The Role of Bureaucratic Politics (NUCBURPOLITICS)".

Sabancı University Post-doctoral Fellowship has been awarded with a new grant from TUBITAK Domestic Post-doctoral Research Fellowship (2218)

Dr. Cem Çelebi, Post-doctoral fellowship of the Engineering and Natural Sciences, has been awarded with TUBITAK 2218 Program for his project entitled "Improving the Charge Mobility in SiC based Epitaxial Graphene".

Sabancı University Faculty has been awarded with 4 new grants form TUBITAK Support Program for Scientific and Technological Research Projects (1001)

Dr. Alpay Taralp, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 1001 Program for his project entitled "Crosslinked Protein Nanoaggregates".

Dr. Deniz Sezer, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 1001 Program for his project entitled "Analysis of DNA Structure and Motions in the Presence of Mismatch Using Molecular Dynamics Simulations and Calculations of Electron Spin Resonance Spectra".

Dr. Hikmet Budak, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 1001 Program for his project entitled "Physical Mapping and BAC-end Sequencing of the Bread Wheat (*Triticum aestivum* L.) Chromosome 5D".

Dr. Yaşar Gürbüz, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 1001 Program for his project entitled "The realization of CMOS, digital readout integrated circuits (DROICs) with higher dynamic range, higher charge storage and lower quantization noise for infrared focal plane arrays (FPAs)".

Sabancı University Faculty has been awarded with 4 new grants form TUBITAK Career Development Program (3501)

Dr. Fevzi Çakmak Cebeci, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 3501 Program for his project entitled "Vertically Aligned Carbon Nanotube Production for Electrochemical Double Layer Capacitors".

Dr. İnci Gümüş, Faculty Member of the Arts & Social Sciences, has been awarded with TUBITAK 3501 Program for her project entitled "Macroeconomic Effects of Alternative Tax Policies During Financial Crises".

Dr. Murat Kaya, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 3501 Program for his project entitled "Behavioral experiments on Supply Chain Contracting".

Dr. Nilay Noyan, Faculty Member of the Engineering and Natural Sciences, has been awarded with TUBITAK 3501 Program for her project entitled "Stochastic Programming Models for the Post-disaster Relief Network Design Problem".

5. Editorial

Editorial

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