

Sabanci University

**RESEARCH AND
GRADUATE POLICY
DIRECTORATE**

**SUPPORTS YOUR
RESEARCH AT SU**

in December 2009, features

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more information at: rgp.sabanciuniv.edu

1. An Overview of Research in 2009 at Sabanci University - RGP Director's Message

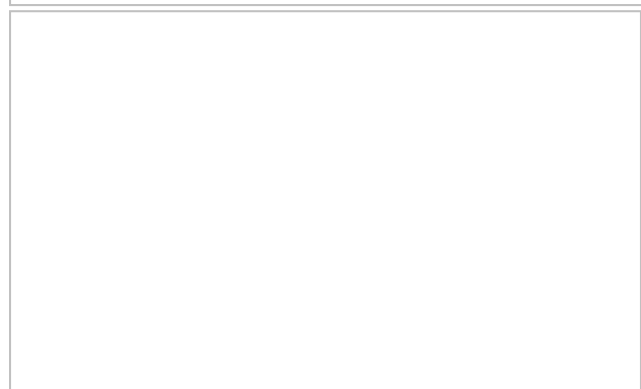
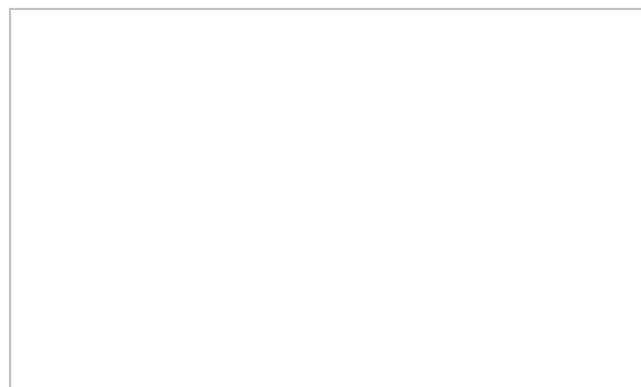
Dear Friends,

We knew that 2009 would be an important year in *research capacity development* in nanotechnology at Sabanci University, since the decision of establishment of a Nano-Micro Interdisciplinary Advanced Research Center (NANODAM) was already made by the Board of Trustees in December 2008. During 2009, the architectural project of the Center has been completed and the first installment of matching fund, 7 million TL, from State Planning Organization has been received. We expect the building to be completed and some major equipments to be procured in 2010.

Below you can find some other achievements of SU in research in 2009:

- The rate of growth as well as per faculty amount of sponsored research funding in 2009 was highest since 2006. The cumulative contract value has reached to 62 million TL.
- Thirteen FP7 contracts signed constitutes fifty percent of the sponsored research funding in a year for the first time.
- We have reached to funding agencies such as Department of Energy (DOE) and National Science Foundation (NSF) for the first time.
- Seven IP disclosures in 2009, highest since 2004.

I would like to take this opportunity to wish a very happy and successful New Year to you and to your families on behalf of all RGP Staff.



2. Open Call for Proposals

EU 7TH FRAMEWORK - TUBITAK EU EDUCATION, AUDIOVISUAL & CULTURE EXECUTIVE AGENCY

| Sponsored Institution | Call Title | Deadline for Submission | Theme |
|--|-----------------|-------------------------|--|
| EU 7th Framework Program (FP7) Cooperation Specific Program | | | |
| EU FP7-Cooperation | FP7-ENV-2010 | January 05, 2010 | Environment (including Climate Change) |
| EU FP7-Cooperation | FP7-KBBE-2010-4 | January 14, 2010 | FAFB |

| | | | |
|---------------------------------------|-------------------------------------|-------------------|--|
| EU FP7-Cooperation | FP7-2010-GC-ELECTROCHEMICAL-STORAGE | January 14, 2010 | Energy, Environment, NMP, Transport (including Aeronautics) |
| EU FP7-Cooperation | FP7-OCEAN-2010 | January 14, 2010 | Energy; Environment (including Climate Change); FAFB; SSH; Transport (including Aeronautics) |
| EU FP7-Cooperation | FP7-SST-2010-RTD-1 | January 14, 2010 | Transport (including Aeronautics) |
| EU FP7-Cooperation | FP7-TRANSPORT-2010-TREN-1 | January 14, 2010 | Transport (including Aeronautics) |
| EU FP7-Cooperation | FP7-TPT-2010-RTD-1 | January 14, 2010 | Transport (including Aeronautics) |
| EU FP7-Cooperation | FP7-TPT-2010-RTD-1 | January 14, 2010 | Transport (including Aeronautics) |
| EU FP7-Cooperation | FP7-ERANET-2010-RTD | January 19, 2010 | Environment (including Climate Change); Health; FAFB; NMP; Transport (including Aeronautics); General Activities |
| EU FP7-Cooperation | FP7-ICT-2009-C | January 26, 2010 | ICT |
| EU FP7-Cooperation | FP7-NMP-2010-EU-USA | January 28, 2010 | NMP |
| EU FP7-Cooperation | FP7-NMP-2010-CSA-4 | February 02, 2010 | NMP |
| EU FP7-Cooperation | FP7-SSH-2010-1 | February 02, 2010 | SSH |
| EU FP7-Cooperation | FP7-SSH-2010-2 | February 02, 2010 | SSH |
| EU FP7-Cooperation | FP7-SSH-2010-3 | February 02, 2010 | SSH |
| EU FP7-Cooperation | FP7-HEALTH-2010-Alternative-Testing | February 03, 2010 | Health |
| EU FP7-Cooperation | FP7-ENERGY-2010-2 | March 04, 2010 | Energy |
| EU FP7-Cooperation | FP7-ICT-2009-6 | April 13, 2010 | ICT |
| EU FP7 Ideas Specific Program | | | |
| EU FP7-Ideas | ERC-2010-AdG_20100224 | February 24, 2010 | Advanced Grant- Physical Science&Eng. |
| EU FP7-Ideas | ERC-2010-AdG_20100317 | March 17, 2010 | Advanced Grant-Life Sciences |
| EU FP7-Ideas | ERC-2010-AdG_20100407 | April 07, 2010 | Advanced Grant-Social Sciences and Humanities |
| EU FP7 People Specific Program | | | |
| EU FP7-People | FP7-PEOPLE-2010-NIGHT | January 13, 2010 | People |

| | | | |
|---|--|-----------------------|---|
| EU FP7- People | FP7-PEOPLE-2010-COFUND | January 13, 2010 | People |
| EU FP7- People | FP7-PEOPLE-2010-IRSES | March 25, 2010 | People |
| EU FP7- People | FP7-PEOPLE-2010-RG | March 09, 2010 | People |
| EU FP7 Capacities Specific Program | | | |
| EU FP7- Capacities | FP7-REGIONS-2010-1 | January 14, 2010 | Regions of Knowledge |
| EU FP7- Capacities | FP7-INCO-2010-1 | January 19, 2010 | Activities of International Cooperation |
| EU FP7- Capacities | FP7-INCO-2010-2 | January 19, 2010 | Activities of International Cooperation |
| EU FP7- Capacities | FP7-INCO-2010-3 | January 19, 2010 | Activities of International Cooperation |
| EU FP7- Capacities | FP7-INCO-2010-6 | January 19, 2010 | Activities of International Cooperation |
| EU FP7- Capacities | FP7-SCIENCE-IN-SOCIETY-2010-1 | January 21, 2010 | Science in Society |
| EU FP7- Capacities | FP7-SCIENCE-IN-SOCIETY- 2010-CAREERS | January 21, 2010 | Science in Society |
| | FP7-SCIENCE-IN-SOCIETY- 2010-NCP | January 21, 2010 | Science in Society |
| TUBITAK | | | |
| TUBITAK | Support Program for Research Projects of Public Institutions(1007) | February 05, 2010 | - |
| TUBITAK | Support Program for Scientific and Technological Research Projects (1001) | March 05, 2010 | - |
| TUBITAK | EVRENA- Global Researcher Program (1010) | March 05, 2010 | - |
| TUBITAK | Career Development Program (3501) | September 03, 2010 | - |
| TUBITAK | Visiting Scientists Fellowship Program (2221) | End of every month | - |
| TUBITAK | Support Program for the Initiative to Build Scientific and Technological Cooperation Networks and Platforms (1301) | Open | - |
| TUBITAK | Patent Application Promotion and Support Program (1008) | Open | - |
| TUBITAK | Short-Term R&D Funding Program (1002) | Open | - |
| EU Education, Audiovisual & Culture Executive Agency | | | |
| Lifelong Learning Program | Jean Monnet Action | February 12, 2010 | - |

Abbreviations:

ICT: Information and Communication Technologies

NMP: Nanosciences, Nanotechnologies, Materials and new Production Technologies

SSH: Socio-economic Sciences and Humanities

3. RGP News

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| <p>Dr. Cemil Arıkan has received the "HP 20 Year 20 Prizes" , the global leader of information technologies award. The 20 th Year Award Ceremony took place in the Marmara Esma Sultan, Istanbul.</p> | HP |
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Proposals submitted by RGP

The RGP Directorate has processed 4 proposals for the following sponsoring agencies from November through December 2009.

- 1 proposal for FP7 Research Potential (REGPOT)
- 1 proposal for FP7 Marie Curie Initial Training Network (ITN)
- 1 proposal for FP7 Cooperation Program
- 1 proposal for British Academy

Attended Meetings and Events of the RGP Directorate in November and December 2009

- "FP7 Proposal Writing Workshop", December 9-10, 2009, orginazed by EPF Consulting, RGP Staff attended to the workshop, ITU.
- "University-Industry Collobration", December 04, 2009, Dr. Cemil Arıkan made a presentation on International Symposium of TurkishPatent Institute Innovation and Industrial Property Rights, The Marmara Hotel, Istanbul.
- "Preparing Proposal Workshop of National R&D Funded", November 11-12, 2009, organized by Novicor Technology Partners, RGP Staff attended to the workshop, ITU.
- "3rd International Conference on World-Class Universities", November 2-4, 2009, Dr. Cemil Arıkan attended the conference, Shangai, China.

4. Latest Research News

Sabancı University Faculty has been awarded with a new grant from the TUBITAK Bilateral Cooperation France Ministry of Foreign Affairs/Bosphorus Program (2509)

Dr. Gözde Ünal, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Bilateral Cooperation France Ministry of Foreign Affairs/Bosphorus Program for her project entitled "Computational Brain Imaging through Diffusion MRI".

Sabancı University Faculty has been awarded with a new grant from Ministry of Trade and Industry, Industry Thesis (SAN-TEZ) Program

Dr. Yusuf Menciloğlu, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with Ministry of Trade and Industry SAN-TEZ Grant for his project entitled "Increasing UV stability of Polyester Fibers via Zinc Oxide Nano Particles".

Sabancı University Faculty has been awarded with a new grant from the TUBITAK Career Development Program (3501)

Dr. Cemal Yılmaz, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with Career Development Program for his project entitled "Using Hardware Performance Counters for Failure Prediction".

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

Dr. A. Gündüz Ulusoy, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "Dynamic Multi-Project Scheduling under Uncertainty".

Dr. Ersin Göğüş, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "Investigations of Broadband Spectral Properties of Gamma Ray Bursts".

Dr. İ.Burç Mısırlıoğlu, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "Fabrication of Multiferroic Thin Films and Characterization of Their Electrical Properties".

Dr. İ. Kürşat Şendur, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "Optical Assisted Magnetic Information Storage System".

Dr. Melih Papila, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "Micromechanics of Failure (MMF) Criterion For Fiber Reinforced Composites and Its Integration In Structural Design".

Dr. Özgür Erçetin, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "Cross-layer Modeling and Optimization of Multi-media Communications in MIMO Wireless Networks".

Dr. Özgür Kıbrıs, Faculty Member at the Faculty of Arts and Social Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for his project entitled "The Effect of Bankruptcy Rules on Investment Behavior and Investor Welfare".

Dr. S. Hüveyda Başağa, Faculty Member at the Faculty of Engineering and Natural Sciences, has been awarded with TUBITAK Support Program for Scientific and Technological Research Projects for her project entitled "The Role of Cross Talk Between NF-Kappab and FOXO3a Signaling Pathways on Therapeutic Resistance In Breast Cancer Cells".

5. Upcoming Events

- "Conference on Ethics, Biometrics Policy and International Data Sharing", January 4-5, 2010, Hong Kong, China.
- "Workshop Series on Gender Aspects in Research, Multiple Locations: Nanosciences, Materials and New Production Technologies and Transport", January 18, 2010, Brno, Czech Republic.
- "Workshop Series on Gender Aspects in Research, Multiple Locations: Transport and Health", January 19, 2010, Prague, Czech Republic.
- "The Hydrogen Economy: Generation, Storage & Infrastructure", January 20, 2010, London, UK.
- "9th International Electronics Recycling Congress", January 20-22, 2010, Salzburg, Austria.
- "FET FP7 - Call 6 Information Day", January 21, 2010, Brussels, Belgium.
- "European XFEL (X-ray Free Electron Laser) Users' Meeting", January 27-29, 2010, Hamburg, Germany.
- "4th International Conference on Cognitive Systems", January 27-28, 2010, Zurich, Switzerland.
- "2010 Euro-Africa Cooperation Forum on ICT Research", February 03, 2010, Addis Ababa, Ethiopia.
- "Practical Course on Genomic Approaches to Evolution and Development", February 7-11, 2010, Heidelberg, Germany.
- "Workshop Series on Gender Aspects in Research, Multiple Locations: Energy and Nanosciences, Materials and New Production Technologies", February 09, 2010, Berlin, Germany.
- "Workshop on Community Reference Laboratories", February 9-10, 2010, Geel, Belgium.
- "International Conference-Lifelong Learning and Empowerment in Mental Health", February 11-12, 2010, Paris, France.
- "ICT for Energy Efficiency", February 23-24, 2010, Brussels, Belgium.
- "Workshop Series on Gender Aspects in Research, Multiple Locations: Energy and Nanosciences, Materials and New Production Technologies", February 24, 2010, Zurich, Switzerland.
- "Conference on Privacy Law, Technology Policy and The Internet", February 25-26, 2010, Hyderabad, India.
- "Workshop Series on Gender Aspects in Research, Multiple Locations: Environment and Food, Agriculture and Biotechnology", February 26, 2010, Brussels, Belgium.
- "Conference on Policy, Growth, Corporate Research and Development", March 3-4, 2010, Seville, Spain.
- "10th International Automobile Recycling Congress", March 3-5, 2010, Basel, Switzerland.
- "Innovation Workshop on Novel Food Packaging", March 04, 2010, Brno, Czech Republic.

- "Week of Innovative Regions in Europe", March 15-17, 2010, Granada, Spain.
- "Conference and Exhibition on Integration Issues of Miniaturised Systems: MEMS (Micro-Electro-Mechanical Systems), MOEMS (Micro Opto-Electromechanical Systems), ICs (Integrated Circuits) and Electronic Components", March 23-24, 2010, Como, Italy.
- "Workshop Series on Gender Aspects in Research, Multiple Locations: Socio-Economic Sciences and Humanities/Health", March 26, 2010, Brussels, Belgium.
- "ESF-EMBO Symposium-B Cells and Protection: Back to Basics", April 18-23, 2010, Sant Feliu de Guixols, Spain.

6. Call Forecast

| Call Theme | Call Opens | Call Deadline |
|--|----------------|-----------------|
| People- IEF (Intra-European Fellowships) | March 17, 2010 | August 17, 2010 |
| People- IIF (International Incoming Fellowships) | March 17, 2010 | August 17, 2010 |
| People- IOF (International Outgoing Fellowship) | March 17, 2010 | August 17, 2010 |

7. Editorial

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