





DIRECTOR'S NOTE

At the age of globalization, where the borders between finance, ideas, knowledge, and even people disappear, mobility of researchers is essential for freedom of research, exchange of ideas, and enrichment of knowledge. Currently, various researchers' mobility programs carried out at national and international level offer support to establish and cultivate worldwide research links and opportunities at institutional and individual levels. These programs create a notion of a research/ researchers without borders.

Mobility of researchers is specifically important for the vitality of Turkey as an advanced and S&T developed country within the global community. The mobility of Turkish researchers allows them to establish international network and reinforce their interaction, and collaboration with their international counterparts.

European Union's Marie Sklodowska-Curie Actions (MSCA) are one of the most prestigious research mobility grants dedicated to encourage and support fellow researchers to move around the world to acquire new skills and qualifications. Additionally, MSCAs provide opportunities for researchers under favorable employment conditions with basic working rights and benefits to keep qualified and brilliant minds in research field. Over 50,000 researchers from 140 nationalities and more than 80 countries all over the world were supported by Marie Curie Actions (MCA) in 7th Framework Program (FP7). This fact and figures obviously indicate that MCAs are great tool to foster the mobility of researchers and attract international researchers talents to Europe.

Özyeğin University (ÖzÜ) is one of the most successful institutions winning MCA grants in FP7. Until now, ÖzÜ has hosted 16 MCAs. ÖzÜ does not only foster international collaboration and networking but also enhances reverse brain drain by providing young and talented Turkish researchers opportunities to work and conduct their research in Turkey.

This issue covers detailed information on MSCAs and aims to explore other researcher's mobility opportunities. Alongside, you can enjoy an interview with Ms. Tuğba Arslan Kantarcıoğlu, national expert and national contact point for MSCAs at Tübitak. Ms. Kantarcıoğlu shares valuable information about MSCAs and recommendations for researchers who plan to apply these fellowships.

As ÖzÜ TTO, we are aware that transferring knowledge from Turkish science diaspora from all over the world is critical and vital for the competitiveness of Turkish Research Area. We hope that you will find the information provided in this issue useful. Please feel free to get in touch with us if you have any question regarding any of these researchers mobility programs.

Best regards,

Nilay U. Papila, PhD Director, Technology Transfer Office







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Marie Skłodowska-Curie Actions (MSCA)

- Individual Fellowships (IF)

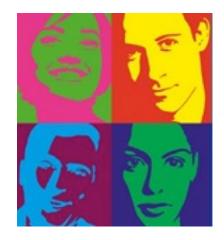
As of January 2014, the Marie Curie Actions are named as the Marie Skłodowska-Curie actions (MSCA) and encourage transnational, intersectoral and interdisciplinary mobility by providing grants for all stages of researchers' careers, from PhD candidates to highly experienced researcher.

There are four main types of MSCA;

- Individual Fellowships (IF)
- Innovative Training Networks (ITN)
- Research and Innovation Staff Exchanges (RISE)
- Co-funding of Regional, National and International Programs (COFUND).
 The MSCA also funds the European Researchers' Night (NIGHT).

In this article, we focus on the IF with the aim of providing basic information for researchers who would like to carry out their researches by creating partnerships with leading research-focused organizations such as universities, research centers, and worldwide companies while securing their own funding.

- Individual Fellowships support researchers looking to enhance their career development and research training. Any 'Experienced Researcher' can apply to IF program. European Commission (EC) defines 'Experienced Researchers' as researchers with PhD degree or with a minimum of 4-year full time professional research experience.
- 'Experienced Researchers' can apply for an IF to be hosted at a research-performing organization. Non-academic institutions from any sector (public, private, non-profit, etc.) as well as academic institutions such as universities can be host institutions. The scheme also supports the return and reintegration in Europe of researchers who have previously worked in Europe, and



the restarting of the research careers of those researchers who have recently taken a break from their career.

- Researchers can be of any nationality yet they must comply with the rule for mobility. Researchers are required to move from one country to another when taking up their appointment. IF enable three ways of mobility being mobility within Europe, to Europe and from Europe, varying from one panel to another. As mobility is a must to the MSCA, in general, an applicant cannot apply for a fellowship in a country where they have lived for more than 12 months in the last 3 years before the call deadline.
- The annual budget of IF includes funding for salary, travel costs, research costs, and a contribution to the overhead costs of researchers' host organization. In case of moving with family, there is also support for the family's living costs. IF provides funds for projects with the minimum duration of 12 months and maximum 24 months.

There are two types of Individual Fellowships.

- 1. European Fellowships
- 2. Global Fellowship

While European Fellowship are valid for the applicants for the EU or associated countries such as Turkey, Global Fellowship funds secondments outside Europe, in Third Countries such as the US and Canada, for researchers based in the EU or associated countries again including Turkey.

European Fellowships are held in EU Member States or Associated Countries and are open to researchers either coming to Europe or moving within Europe.

• For applicants, there are no age and nationality

limitations. 'Experienced researchers' rule is valid for European Fellowships. In line with the general conditions of IF, European Fellowships fund projects from 12 to 24 months.

● Proposed projects are evaluated according to a panel system. European Fellowship programs include three panels and It is important to note that the rules of mobility vary from one panel to another. The applications are evaluated in different panels to take into account the varying conditions of the researchers. For instance, a researcher who have given a break to his/her career will be evaluated separately than a researcher who has been actively involved with research for the last 4 years.





1.1. STANDARD PANEL

All the aforementioned rules and procedures of IF are valid for the European Fellowship. Important condition to be emphasized is that by the last day of the call deadline, researchers should not have stayed more than 12 months in the last 3 years in the country where the European Fellowship will be held. To give an example, if a researcher has recently obtained his/her PhD degree in a European university and came to Turkey as a faculty member, within 12 months after his/her arrival to Turkey, he/she is eligible for this panel. The host organization will be the university he/she is currently working at.

1.2. CAREER RESTART PANEL (CAR)

It aims to help to restart research careers after a break such as parental leave. By the last day of the call deadline, researchers should have given a break to their research for the last 12 months. Moreover, in order to be eligible for this panel, researchers should not have stayed more than 36 months in the last 5 years in the country they wish to go by the last day of the call deadline.

1.3. REINTEGRATION PANEL (RI)

It aims to help the reintegration of researchers coming back to Europe from Third Countries. To be eligible for this panel, researchers should not have stayed in an EU or associated country more than 36 months in the last 5 years by the last day of the call deadline. The applicants are expected to be an EU or associated country citizen or to have spent at least 5 years in one of these countries for research purposes.

To give an example, if a researcher has obtained his/ her PhD degree in a Third Country such as the US upon his/her arrival to Turkey as a faculty member, he/she can apply for this panel.





• Global Fellowship is suitable for researchers from EU or associated countries willing to conduct research outside Europe in counties such as the US, Canada and Japan. Global Fellowship requires the proposed researches to be between 12 and 24 months. Researchers' carry out their research outside Europe as secondment and there is a mandatory one-year return period in an EU or associated country.

For instance, a faculty member in Turkey can go to Japan to conduct a 17-month research in an industrial organization and he/she has to return to an EU or associated country, in our example to Turkey, and conduct research for 12 more months.

Proposals are written jointly with chosen host organization (s) such as a university, a research center or a company. Research proposals are submitted together with the CVs of researchers. The applications should be done online at the European Commission's Research Participant Portal.

The next deadline for applying Individual Fellowships is September 10, 2015.

For further questions on Marie Skłodowska-Curie Actions please do not hesitate to get in touch with us.



Tübitak prepared the The Panelists' Evaluation Reports Analysis, based on the MSCA's Reintegration Panel 2014 applications. Researchers, who are planning to apply for the Individual Fellowships, are recommended to examine this analysis. The document is useful not only for the RI applicants but for all applicants who will apply to MSCA's other IF panels.

Tübitak also prepared "Budget Calculation" tool for the IF applicants. This tool provides guidance for researchers to estimate their budget based on the country where their host organizations located. Please note that researchedrs are not expected to submit the budget during the application.

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INTERVIEW WITH TUĞBA ARSLAN KANTARCIOĞLU (MARIE SKŁODOWSKA-CURIE ACTIONS -NATIONAL EXPERT AND NATIONAL CONTACT POINT AT TÜBITAK

• Mrs. Kantarcioğlu, as a Marie Skłodowska-Curie National Expert and National Contact Point at TÜBİTAK, why do you think researchers should consider applying a Marie Skłodowska-Curie Actions, particularly Individual Fellowships?

In which ways does the program contribute to a researcher's academic career?

Tuğba Arslan Kantarcıoğlu: The Marie Skłodowska-Curie Actions (MSCA) ensure excellent and innovative research training as well as attractive career and knowledge-exchange opportunities through cross-border and cross-sector mobility of researchers, to better prepare them for current and future societal challenges. As all Actions of MSCA, Individual Fellowships under MSCA are open to all domains of research and innovation. Applicants are free while choosing their research and innovation fields as well as sectors. In this regard, I believe that this is a golden opportunity with a generous fellowship budget for researchers of any research domain.

Individual Fellowships aim at enhancing the creative and innovative potential of experienced researchers wishing to diversify their individual competence in terms of skill acquisition through advanced training, international and intersectoral mobility. International mobility is the key requirement. Researchers receive funding on the condition that they move from one country to another to broaden or deepen their competences.

Moreover, researchers find opportunities to acquire and transfer new knowledge and to work on research in a European country (EU Member States and Associated Countries) or outside



Europe. The scheme particularly supports the return and reintegration of researchers from outside Europe who have previously worked here. It also develops or helps to restart the careers of individual researchers that show great potential, considering their experience. All these features make Individual Fellowships of MSCA very attractive for researchers.

• What would be your recommendations for researchers who have recently returned or plan to return to Turkey while applying Marie Skłodowska-Curie Individual Fellowships (IF)?

Tuğba Arslan Kantarcıoğlu: Experienced researchers, who have recently returned Turkey, please contact with ÖzÜ TTO and TÜBİTAK National Coordination Office MSCA Team as soon as possible. Those who are planning to return to Turkey, you can participate one of the Destination Turkey workshops of TÜBİTAK which has been realizing in Europe, USA and Canada since 2010. The workshops are aiming at increasing awareness on the researchers' mobility funds of TÜBİTAK and Marie Sklodowska

Curie Actions as well as European Research Funding grants. You can contact with us and research institution representatives of Turkish Research Area via those workshops.

We can inform you about the eligibility criteria and also provide information about the most appropriate panel of Individual Fellowships (Reintegration Panel or Standard Panel or Career Restart Panel). In order to be eligible you need to be an experienced researcher (at the deadline for the submission of proposals, being in possession of a doctoral degree or having at least four years of full-time equivalent research experience). Besides, you will face up with mobility rule which changes from panel to panel. We can provide you detailed information about it.

If you are eligible do not hesitate to write a project proposal even if you don't have too much time till the deadline. You will have an Evaluation Summary Report prepared by the evaluators and with the report you can revise and submit your proposal for the next year's call. During the application you will be dealing with "A forms" which can be filled in easily with the help of Guide for applicants and TTO. However "B form" which constitutes your project proposal text needs more time and have to be written excellent to be funded. Please try to contact with an IF project owner, you can find many success stories at ÖzÜ, and have a look at a successful project Part B form. Check our website where you can find useful documents such as guide for applicants, project budget calculation tool, ESR analysis report. Finally, if you will apply for that year's call, do not wait till the deadline (September 10, 2015 at 17:00:00 - Brussels local time). Submit your proposal via European Commission's online application system at least 1 day before the deadline.

• What is the success rate in Marie Skłodowska-Curie Actions – Individual Fellowships?

Tuğba Arslan Kantarcıoğlu: Results of 2014 Individual Fellowships Standard Panel show us 18,6 % success rate with 5756 submissions and 1072 funded projects. Similar success rate was valid for Reintegration and Career Restart panel with 624 submission and 117 funded projects.

Applications can be from EU Member States; Associated Countries or Non-associated Third Countries. Researchers applying to Individual Fellowships are competing with the applications from all these country groups. There is no specific quota for any country in terms of application numbers or funded project numbers.

Based on your observations, what are the common mistakes the applicants make during IF applications?

Tuğba Arslan Kantarcıoğlu: As TÜBİTAK MSCA Team, we have checked the Evaluation Summary Reports presented for each project proposal by evaluators of 2014 IF call and we prepared an analysis document which includes the weaknesses and strengths of project proposals.

The document can be reached via our website. When you check the document, you will realize that each project proposal has its own weaknesses and strengths. We do advise researchers to spend time on writing the proposal and be careful while giving sufficient details on each sub-titles mentioned in the guide for applicants. This analysis document will be helpful to see what to do and what not to do during proposal writing.

•During the application process, how does TÜBİTAK assist the researchers? Could you please comment on the available opportunities provided by TÜBİTAK for researchers who are going to submit IF applications?

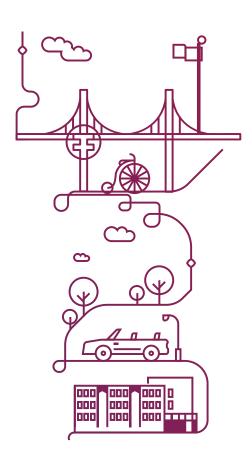
Tuğba Arslan Kantarcıoğlu: TÜBİTAK MSCA Team is ready to help researchers from project application to reporting phase. Please contact us via ncpmobility@tubitak.gov.tr to send your questions. We can guide them during the eligibility check which is the first step of this procedure. All documents are online but if they are confused about which document is for them, we will be happy to share with them the exact ones. Guide for applicants is the main document they need to read more than once. If they have participated one of the info-day we are organizing all over Turkey, they will feel that they have read most of the pages of this document but still they may have questions regarding the structure outlined in the guide for their proposal.

We would like to kindly ask them to give us a call or send an e-mail for any of the inquiries. As TÜBİTAK MSCA Team we are ready to reply their questions and forward them the documents, statistics, reports that will be helpful during project application phase.

Additionally TÜBİTAK has prepared preevaluation support mechanism for researchers who are writing a proposal for IF call to carry out research in Turkey. The applications will start in a couple of weeks via our web-site.

Through this support mechanism researchers can send their draft proposal to professional consultancy firms or individual consultants before submission to the European Commission. The cost of this pre-evaluation service will be provided by TÜBİTAK.

Thank you very much for time and precious experiences you shared with us.



ÖZÜ HAS BEEN AWARDED WITH 3 NEW GRANTS

- 3 New TÜBİTAK 1001 Scientific and Technological Research Grants for the following projects;
- -- "An Integrated SolutionApproach for Inventory Routing Problem and Its Applications", PI: Assist. Prof. Dr. Ali Ekici
- -- "Measuring the relationship between spatial configuration and user behavior: User-Oriented Approaches to Urban Square Design Process at the Peripheral Municipalities of Istanbul", Pl: Assist. Prof. Dr. Ayse Özbil Torun
- -- "POST-Occupancy Evaluation of Outdoor in Campus Buildings with Spatio-Temporal Mapping Method", PI: Assist. Prof. Dr. Özgür Göçer
- 2 New TÜBİTAK 3501 Career Awards for the following projects;
- -- "Inventory Management and Transshipment Policies for Drugs with No Annual Contract in Pharmaceutical Supply Chain Planning Under Uncertainty", Pl: Assist. Prof. Dr. Erhun Kundakçıoğlu
- -- "Adolescents' disclosure to their parents:Individual and familial predictors ve positive development", PI: Assist. Prof. Ayfer Dost



ÖZÜ HAS RECEIVED 3 NEW GRANTS FROM ISTANBUL DEVELOPMENT AGENCY (ISTKA)

Özyeğin University (ÖzÜ) Faculty of Engineering, Graduate School of Engineering and Center for Entrepreneurship received three new grants from ISTKA Financial Support Program of 2015.

The granted projects are listed below:

- "Optic Wireless Communication Perfection Center" Optik Kablosuz Haberleşme Mükemmeliyet Merkezi PF: Prof Dr. Murat Uysal from ÖzÜ Graduate School of Engineering and Science
- "International Energy Efficient Lightening Technologies Research and Development Training and Implementation Center –
 EVATEG" (Uluslararası Enerji Verimli Aydınlatma Teknolojileri Araştırma Geliştirme Eğitim Sertifikasyon ve Uygulama Merkezi) PF: Assoc. Prof. Dr. Mehmet Arık from ÖzÜ Engineering Faculty
- "MakerLab" PF: İhsan Elgin from ÖzÜEntrepreneurship Center/ FitStartup Factory

In addition to these projects, ÖzÜ Faculty of Architecture and Design (Prof. Dr. Orhan Hacıhasanoğlu) will be a partner in project titled "Interdisciplinary Design & Innovation and Entrepreneurship Center" (Disiplinlerarası Tasarım & İnovasyon ve Girisimcilik Merkezi)



ÖZÜ BECAME THE 7TH MOST ENTREPRENEURIAL AND INNOVATIVE UNIVERSITY OF TURKEY!

The Most Entrepreneurial and Innovative 50 Turkish Universities have been announced and ranked for 2015 and Özyeğin University ranked 7th and retained its 4th position among the foundation universities.

TÜBİTAK's "Entrepreneurial and Innovative University Index" which ranks universities according to their entrepreneurship and innovativeness performance was announced by Fikri Işık, Minister of Science, Industry and Technology, on July 6, 2015.

RANK

UNIVERSITY

- **1 SABANCI UNIVERSITY**
- 2 MIDDLE EAST TECH. UNIVERSITY 3
- **BOĞAZİÇİ UNIVERSITY**
- **4 BİLKENT UNIVERSITY**
- **5 KOÇ UNIVERSITY**
- **6 ISTANBUL TECH. UNIVERSITY**

<u> 7 ÖZYEĞİN UNIVERSITY</u>

- **8 IZMIR INSTITUTE OF TECHNOLOGY**
- 9 TOBB ETU
- 10 YILDIZ TECH. UNIVERSITY



Proposals Submitted

ÖzÜ TTO has processed 4 proposals for the following supporting programs since April 2015.

- ●1 Proposal for H2020 the Young Generation in an Innovative, Inclusive and Sustainable Europe (YOUNG-SOCIETY-2015)
- ●1 Proposal for H2020 European Research Council (ERC)
- ●1 Proposal for TÜBİTAK 1002 Short Term R&D Funding Program
- ●1 Proposal for TÜBİTAK 3001- Support Program for Starting R&D Projects
- ●1 Proposal for TÜBİTAK 1003 Primary Subjects R&D Funding Program

Events Organized by ÖzÜ TTO

- Turkcell Tehnology-TTO- FBE Project
 Thesis Seminar on May 28, 2015, Turkcell
 Technology Plaza
- Information Session on Marie
 Sklodowska-Curie Actions on June 16,
 2015, Özyeğin University Çekmeköy
 Campus
- Collaboration Meeting with Banu Onaral on July 01, 2015, Özyeğin University Çekmeköy Campus
- Seminar on Commercialization of Technologies Derived from University Research Activities- Ömer Hızıroğlu, CLP on July 03, 2015, Özyeğin University Çekmeköy Campus
- ◆ Turkish American Business Connection (TABC) on July 08, 2015, San Francisco, USA
- 10 University Industry Collaboration
 Meetings have been organised by TTO

Events Attended by ÖzÜ TTO



- "Being a Team as TTO Staff", organised by Aysim Altay, on June 4, 2015, attended by TTO Team, İstanbul, Turkey
- "ÜSİMP 2015 8th National Congress of University-Industry Cooperation" on June 9-10, 2015, organized by ÜSİMP, attended by Nilay Papila, Zeynep Büküm, Gizem Asker, Samet Özmen, İstanbul, Turkey
- "TECHIN2B Training& Talk Series-Intellectual Property Management on Electronics - Informatics - Big Data" organized by Boğaziçi University on June,18,2015, organized by TÜBİTAK, attended by Gizem Asker, İstanbul, Turkey
- •Banu Onaral Collaboration Meeting on June 24, 2015, organized by Teknopark, attended by Nilay Papila, Gizem Asker, Samet Özmen, İstanbul, Turkey

Meetings with Other TTO's

- King Abdullah University TTO on May 22, 2015, Levent, İstanbul
- Yasar University YAGEM- TTO on July 2, 2015, İzmir
- Dokuz Eylül University DETTTO on July 2, 2015, İzmir
- İzmir Economy University PGTTO on July 2, 2015, İzmir
- ODTÜ TTO/ T-Jump on July 8, 2015, San Francisco, USA



Information Session on "Marie Sklodowska-Curie Actions"

"Information Session on Horizon 2020 Marie Skłodowska-Curie Actions" was organized at Özyeğin University on June 16, 2015, Tuesday with the collaboration of TÜBİTAK EU Horizon Programmes National Coordination Office (NCO) and ÖzÜ.

TÜBİTAK NCO presented "Marie Skłodowska-

Curie Actions" and our Vice Rector Prof. Dr. Reha Civanlar gave a presentation entitled as "Research at ÖzÜ". Also our faculty member Assoc.Prof.Dr Bahar Başım shared her experiences on her Marie Curie Project.

We thank all our participants and presenters for their valuable contribution.



"Commercialization of Technologies Derived from University Research Activities" Seminar

Ömer Hızıroğlu, CLP gave a seminar at Özyeğin University on July 3, 2015 regarding the importance of Intellectual Property, the role of venture capitals on technology transfer, and DCP Technology Acceleration Fund to the university-related technology owners.

As one of the partners of Diffusion Capital Partners, Ömer Hızıroğlu gave detailed information on the technology acceleration funding system of DCP namely the aim, the scope, the potential opportunities for the universities and academicians as well as the application process.

We thank all the participants and our guest speaker for their valuable contribution.

Ömer Hızıroğlu is one of the partners of Diffusion Capital Partners and the vice president of Les International. For more information about DCP, please visit: http://www.dcp.vc





EU H2020 Info Days and Brokerage Events

- Info Day 'Secure, Clean and Efficient Energy' Work Programme (2016-2017)', September 14-15, 2015, Brussels, Belgium
- Brokerage Event 'Energy Calls for Work Programme', September 16, 2015, Brussels, Belgium
- Info Day 'Climate Action, Environment, Resource Efficiency and Raw Materials', September 21, 2015, Brussels, Belgium
- Info Day 'Health, demographic change and wellbeing', September 18, 2015, Brussels, Belgium (Online registration for the event will open in mid–July)

- Brokerage Event '2Key Enabling Technologies', October 1, 2015,
 Strasbourg, France
- Info Day 'Public-Private Partnerships',October 16, 2015, Brussels, Belgium
- Conference 'Aerodays 2015', October 20-23, 2015, London, UK
- Conference 'ICT 2015 Innovate, Connect, Transform (The Biggest ICT Event in the EU Calendar)', October 20-22, 2015, Lisbon, Portugal



OTHER EU EVENTS

'The EMBO Meeting 2015', September 5-8, 2015, Birmingham, UK

- 'Conference on Understanding Small Enterprises', October 21-23, 2015, Groningen, the Netherlands
- '7th European Innovation Summit', December 7-10, 2015, Brussels, Belgium

OTHER EVENTS

- 'AUTM 2015 Eastern Region Meeting', August 31 - September 1, 2015, Raleigh, USA
- 'The 35th National Operations Research and Industrial Engineering Congress (ORIE 2015)', September 9-11, 2015, Ankara, Turkey
- 'AUTM 2015 Western Region Meeting', September 10-11, 2015, Calgary, Alberta Canada
- 'Startup Istanbul', October 3-5, 2015, Istanbul, Turkey
- 'LES 2015 Annual Meeting', October 25-28, 2015, New York City, USA
- 'The International Conference on Green Computing, Intelligent, and Renewable Energies (GCIRE2015)', October 27-29, 2015, Kuala Lumpur, Malaysia

OPEN CALLS

'The EMBO Meeting 2015', September 5-8, 2015, Birmingham, UK

- 'Conference on Understanding Small Enterprises', October 21-23, 2015, Groningen, the Netherlands
- '7th European Innovation Summit', December 7-10, 2015, Brussels, Belgium



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