



Linking Minds Across Cultures

Fulbright Program to Italy for US Scholars  
a.y. 2018-19

*Junior Teaching/Research Award in Math and Sciences  
at the University of Trento*

Award # 8225

Grant Category: Teaching or Teaching/Research

▶ **Number of Awards:**

One grant

▶ **Discipline and specialization:**

Applications are sought in **Physics**

Applications in the following specializations are preferred:  
Quantum science and technologies, and medical physics

▶ **Grant period and activity:**

Six months. Grants must begin in September 2018 or February 2019.

The appointed researcher is expected to teach one course corresponding to 6 credits (48 front class hours including recitations). The possibilities are: the sixth semester of the Bachelor program (Feb-Jun); the second or third semester of the Master program (Sep-Dec or Feb-Jun). The typical teaching load is 4 hours/week for 7 weeks, and the average class size is between 10 and 20 students.

Depending on the proposal, a course at the Ph.D. level (3 credits, about 5 students) might also be considered as an option.

In any case the researcher will have to provide a syllabus, and a diary of the activity according to the University regulations.

Seminars and tutorials concerning the research activity of the appointee will be appreciated.

Supervision of Master students will be possible. The researcher should contact potential co-tutors and/or students prior to the venue at the Department.

The researcher will have a chance of collaborating with the groups active within the Physics Department of the University of Trento. There is also a significant overlap with several activities conducted at the Department of Civil, Environmental and Materials Engineering, which, depending on the specific topic, might have an interest in hosting lectures and/or scientific talks.

Trento is home of several other research institutions. In particular the Bruno Kessler Foundation hosts a Center of Materials and Microsystems and the European Center for Theoretical Studies in Nuclear Physics and related areas. The appointee will find a chance to benefit of the presence of this broader research environment (in which the Physics Department is well embedded) attracting several other scientists from all over Europe and the rest of the World.

The Physics Department will take care of creating occasions for the appointed researcher to present her/his research activity and educational experiences to the Faculty and to the rest of the Department community.

During the Fulbright grant, the scholar may be also invited to take part in academic meetings, conferences, seminars and other program-related activities organized by Italian or European universities, under the Fulbright Inter-Country Program <http://www.fulbright.it/fulbright-intercountry/>

▶ **Qualifications:**

-The applicant is required to hold an academic position at the level of assistant professor or higher, with documented, not occasional teaching experience at an American University.

-A strong publication record is required. For this call the Department will preferentially consider candidates working in the fields of

- 1) Quantum science and Technologies
- 2) Medical Physics

However, applications from strong candidates in all the other subfields listed above will be considered.

- ▶ **Language:** Courses at the M.Sc. and Ph.D. levels are routinely taught in English language. In the B.Sc. classes are typically given in Italian, but topical courses have already been offered in English in the past, without any special concern. Italian language proficiency sufficient to complete the research project is required.
- ▶ **Letter of Invitation and project proposal:** Letter of invitation should not be requested. Applicants should submit a detailed project proposal in the Fulbright US Scholar application.
- ▶ **Award benefits:** € 8,800 for 6 months. This sum includes a maintenance allowance of € 7,700 for six months and a travel allowance of € 1.100. The grantee will be covered by Health and Accident Insurance for the whole grant period, provided to participants in the Fulbright cultural exchange Program by the *United States Department of State*.  
  
Furnished housing for up to two people will be provided in the apartments managed by the University of Trento. The apartments are fully furnished and located in the city center. Standard utilities (gas, electricity, water) are included. Weekly linens change is provided. Phone connection is available at extra charge. Wireless internet connection is present in all apartments. Should the researcher be accompanied by two or more people, special arrangements will have to be made. In this case we might provide limited help to find an appropriate accommodation, but we might not be able to provide subsidized housing options.  
The Physics Department will provide office space, a desktop computer, access to computer network, access to the library and to the electronic library resources, access to canteen. Secretarial assistance will be provided through the existing administrative structure. The researcher will be able to access other on campus facilities at the same level of resident Faculty members.  
  
More information about the university and the city of Trento is provided on the University's international website: <http://international.unitn.it/>
- ▶ **How to apply:** Fulbright Scholar Awards to Italy are assigned through an annual competition administered at the national level in the US by the *Council for International Exchange of Scholars* - CIES in Washington DC, in collaboration with the Fulbright Commission in Italy. Potential candidates can apply online through CIES ([www.cies.org](http://www.cies.org)). Information on the Fulbright US Scholar Program, catalogue of awards, eligibility requirements, tips, guidelines and resources for applying, review criteria, selection and competition timeline is available on CIES website at [www.cies.org/us\\_scholars](http://www.cies.org/us_scholars).
- ▶ **Application Deadline:** August 1, 2016

**Host Institutions:**



### For information about the grant, please contact Fulbright Commission staff:

Commissione per gli Scambi Culturali fra l'Italia e gli Stati Uniti  
The US - Italy Fulbright Commission  
Via Castelfidardo 8 - 00185 Rome Italy  
[www.fulbright.it](http://www.fulbright.it)

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### Resources on the Italian university system and research:

- ❖ MIUR - Ministry of Education, Universities and Research - [www.istruzione.it](http://www.istruzione.it)  
Italian Government - Ministry of Education, Universities and Research
- ❖ CRUI - Conference of Italian University Rectors - [www.cruir.it](http://www.cruir.it)  
National Conference of Italian state and private universities
- ❖ ENIC-NARIC network - [www.enic-naric.net/index.aspx?c=Italy](http://www.enic-naric.net/index.aspx?c=Italy)  
Italy Country page on the ENIC-NARIC network of European Information Centers on academic recognition and mobility
  
- ❖ Ricerca Italiana - [www.ricercaitaliana.it](http://www.ricercaitaliana.it)  
National portal on the world of Italian Research
- ❖ ICCU - [www.iccu.sbn.it](http://www.iccu.sbn.it)  
National Institute for the Italian Library Catalogue

### Travelling to Italy

- ❖ ITALIA - [www.italia.it](http://www.italia.it)  
Discover Italy - info, ideas and resources for the travel to Italy
- ❖ CULTURA ITALIA, Un patrimonio da esplorare - [www.culturaitalia.it](http://www.culturaitalia.it)  
Italian Ministry of Cultural Heritage and Activities - Cultural paths and resources from the world of Italian culture



UNIVERSITY OF TRENTO - Italy

The **University of Trento** is a young and dynamic university with 15,000 students and about 1,200 people working as faculty and administrative and technical staff. Quality of research and teaching, internationalization and strong, positive relations with the community are the main priorities of the University of Trento.

The university is organised into three distinct sites. The Faculties of Economics, Law, Sociology, Humanities and Philosophy and the School of International Studies are all situated close together in the heart of the historic centre of Trento, just a short walk from the Cathedral and from the town's most frequented venues. Only five minutes by bus from Trento's rail station and with excellent links to the city by public transport are the Faculties of Engineering and of Science. Surrounded by nature they comprise the university's campus in the hills. 25 km from Trento, in the town of Rovereto, famous as the home of the **Museum of modern and contemporary art (Mart)**, is the Faculty of Cognitive Sciences. With the inauguration of this faculty in 2004, the university broadened its scope to include neurosciences, a particularly innovative area of study and research of great interest for the future developments it promises. Here research is conducted within the departments and at numerous research and study centres. Besides the most important fields handled such as ICT, environmental engineering, materials engineering, physics, international studies, transnational law, experimental economics and social studies, prestigious research centres have recently been founded including the Centre for Mind/Brain Sciences (CIMeC) and the Centre for Integrative Biology (CIBio). The area also hosts several prestigious research centres such as the Bruno Kessler Foundation and the Edmund Mach Foundation.

Everything is within reach and easily accessible in Trento. Libraries, university canteens, laboratories, cultural activities and special services. The University of Trento offers 5 libraries, open even during the evening, with IT rooms equipped with fixed PCs and a laptop PC service. There are 5 university canteens: 3 in the city and 2 up the hill at the Faculties of Engineering and Science. The university also operates its own Language Learning Centre with extensive and intensive courses in 7 foreign languages, as well as courses in Italian for foreigners.

It is very important, especially for a small to medium-sized university like Trento, to create partnerships with distinguished universities and research centres all around the world in order to better face the challenges of global competition. This is why over the years the University of Trento has created a rich cooperation network which allows itself to integrate its educational opportunities and to promote fruitful relationships in teaching and research.

The relationship between the University and the territory has strengthened over the years and today the University represents for the community both a precious cultural resource and an important factor of social, cultural and economic development.

In recent years the University of Trento has been evaluated as one of the best universities in Italy, in some cases even the best one among small to medium-sized universities. In 2008 all faculties were rated the 1st or 2nd in Italy, except for the Faculty of Cognitive Sciences, which could not be evaluated since it is the only one in Italy. Good results were also achieved at an international level. This success is due, among other factors, to the high quality of teaching, research and services, the strong collaboration with foreign universities and the great number of study grants and student accommodations offered by the Opera Universitaria.

The University of Trento strongly believes in sport not only as a relaxation and leisure activity but also as a personal growth and socialization tool. The University and the University Guild have recently started up the Trentino university sport system, an integrated programme of sport and recreational activities which makes optimum use of the available resources and of the opportunities offered by the beautiful natural setting of the university. Thanks to the collaboration with the University Sports Centre, students and professors can attend courses in a variety of disciplines, from the more traditional, such as skiing or sailing on the lakes of the Trentino region, to the more unusual, such as gliding.

Living in Trento means enjoying the advantages of a region that is renowned for its superior quality of life, general well-being and natural environment of extraordinary beauty, where the sun paints the panorama in different hues, creating new sensations for every season.