## Research Abroad at a Top European Research University



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# University in the spotlight: University of Geneva



Why study at the University of Geneva?

Geneva is a multicultural, vibrant European city in the heart of Europe. In addition to being a top-ranked university, it offers a wide choice of courses in 9 faculties. The University of Geneva has continuously strengthened its ties with international and non-governmental organizations based in Geneva, such as the UN and the CERN.

Geneva is also home to a wealth of cultural institutions, such as the Grand Théâtre, an internationally acclaimed opera house, and the famous Victoria Hall.

New Buildings for cutting-edge research at the University of Geneva: The Campus Biotech and the Carl Vogt Building Campus Biotech



Since last year, Campus Biotech is a new initiative that drives forward the biotechnology sector in the Lake Geneva region, creating new opportunities for scientists and entrepreneurs. The Center uses novel approaches to create transformative products to improve people's lives and help create a more sustainable world. This Center was created by the University of Geneva, the Ecole Polytechnique Fédérale de Lausanne, the Wyss Foundation and the Bertarelli family. It follows the same principles and model of the Wyss Center for Biological Inspired Engineering at Harvard University in Boston.

Five EuroScholars research projects are partially located on the Biotech Campus:

- <u>Affective Sciences</u>
- <u>Alliage project</u>
- <u>Cognitive and Affective Neurosciences</u>
- Individual Differences in Learning and Transfer
- <u>Neuro-imaging the Impact of Video Games</u>
- Sleep and Emotion Regulation in Humans: A Brain Imaging Approach

Carl Vogt Building



The issue of sustainability has been a main

concern for the University of Geneva. Inaugurated on 18 June 2015, the Carl Vogt building will welcome researchers and students in Environmental Sciences starting in September 2015. Five faculties are involved in this interdisciplinary Centre: Sciences, Social Sciences, Economics and Management, Law and Medicine.

The EuroScholars research projects below are linked to these faculties: **Social Sciences:** 

- <u>Civilian Victimization and Conflict Escalation</u>
- <u>Ethnic Power Relations and Conflict in Fragile States</u>

# Sciences:

- Domain Decomposition Methods for Wireless Networks
- Probing the Viscosity of Conduction Electrons in Metals
- Scanning Tunelling Spectroscopy

#### Medicine:

Role and Clinical Interest of Membrane GRP78 against Ovarian Cancer



### **Student Perspective**

Hayley Barone from St. Edward's University just finishing her semester at Leiden University wrote about her research on the <u>Leiden Institute for Brain and Cognition blog</u>:

"Shockingly smart: electrical brain stimulation for cognitive enhancement" The electrifying new technique that could improve your cognition, science fiction-style.

# **Updates on EuroScholars:**

- Spring 2015: 14 students participated in the EuroScholars Program
- Fall 2015: 19 students are expected to participate in the EuroScholars Program

• Since the start of the EuroScholars Program in 2007/2008, 135 students from 71 North American institutions have participated in the program.

#### **Upcoming conferences 2015:**

September 15 – 18, 2015

#### EAIE (European Association for International Education)

Glasgow, UK <u>www.eaie.org</u> Some of the members of the EuroScholars Consortium will attend the EAIE. Would you like to schedule a meeting, please contact: Ms. Usha Mohunlol (u.c.mohunlol@sea.leidenuniv.nl)

EuroScholars poster presentation is scheduled on Thursday, September 17 from 3:00pm – 4:30pm

November 11 - 15, 2015

NCHC (National Collegiate Honors Council) Chicago Illinois http://nchchonors.org/annual-conference/2015-conference/

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