

**EURO Scholars**

European Undergraduate  
Research Opportunities



**Universiteit  
Leiden**  
The Netherlands

**KU LEUVEN**

**LMU**

LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN



**UNIVERSITÉ  
DE GENÈVE**



The EuroScholars Program  
A European Academic Research Experience

[www.euroscholars.eu](http://www.euroscholars.eu)

# The EuroScholars Program

## About EuroScholars:

- Research Abroad program offered by 4 leading European Research universities.
- Gain hands-on research experience in an international research group.
- Conduct research under supervision of a professor and other academic staff.
- Choose an academic research project from a variety of fields.

## For whom?

- North American undergraduate / honors students.



# EuroScholars Office, European Institutions and ISA

The EuroScholars Consortium is the owner of the EuroScholars Program

## ***EuroScholars Office:***

- Head Office
- Based at Leiden University
- Policies, Rules & regulations, guidelines
- Program Fee (set by ES Board & Consortium)
- ES Board & Consortium meetings
- Finances
- Collects ES Program Fee from ISA
- Website
- Marketing & promotion
- ES Newsletter
- Brochure in coop with ISA

## ***European Institution***

- Every institution has an Institutional Coordinator
- Education & Research
- Marketing & promotion
- Student services :
  - Application procedure
  - Guidance
  - Housing
  - Visa / residence permit
  - Orientation days/week
  - Transcripts



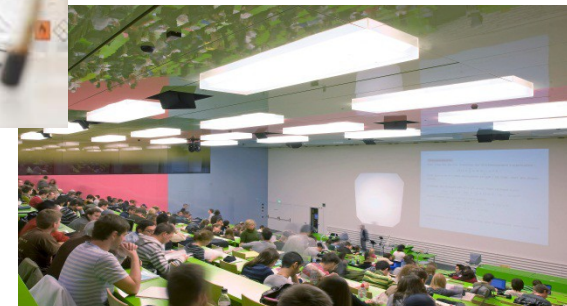
## ***ISA:***

- Based in Austin, TX, USA
- Pre-application procedures and guidance of student & home university
- Marketing & promotion
- Study fairs & conferences
- Distribution of ES Newsletter & brochure in N-America
- Student services
- ISA Health insurance
- Collect transcripts from European Institutions
- Collect ES Program Fee from student / home university



# Top 5 reasons to choose the EuroScholars Program

1. Learn about scientific reasoning, social sciences and humanities.
2. Understand international research methods.
3. Define theoretical principles related to the research area.
4. Partake in scholarly communication.
5. Improve writing and presentation skills, create publishable-quality research.



# Application deadlines and fee

## Application deadlines

- Spring Semester 2021: October 1<sup>st</sup> 2020
- Fall Semester 2021: April 1<sup>st</sup> 2021

## Fees per semester (2021):

- € 9,975 per semester
- + USD 500 Administrative Fee

## Includes:

- Program Fee
- Housing (rent)
- Mid-Stay Program
- Use of Study Facilities
- Health insurance (offered by ISA)





# Eligibility

- Minimum of 3.4 GPA is required
- Honors students / Undergraduate students
- Demonstrated interest in research
- Interest in independent study and research abroad
- Ability to culturally integrate
- Students from US / Canadian institutions



# Program Options and Learning agreement

Choose from 2 program options, each option totals 30 ECTS per semester (equivalent to 15 US credits) and a full time work load for 1 semester. The minimum number of ECTS that can be earned for research is 18 per semester. And needs to be formalized in a learning agreement:

*Option 1 (higher research focus):*

- Language & culture course (classes + exam)\*
- Participation in research project including article/presentation (research) and including Methods & literature review (independent study)

*Option 2 (research + coursework):*

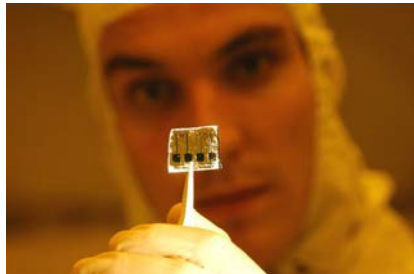
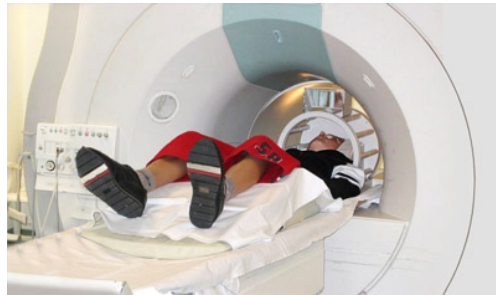
- Language & culture course (classes + exam)\*
- Participation in research project including article/presentation (research) and including Methods & literature review (independent study)
- 1 Elective course in the field of research (classes + exam)\*\*

(\* / \*\* : more info on [website](http://www.euroscholars.eu))

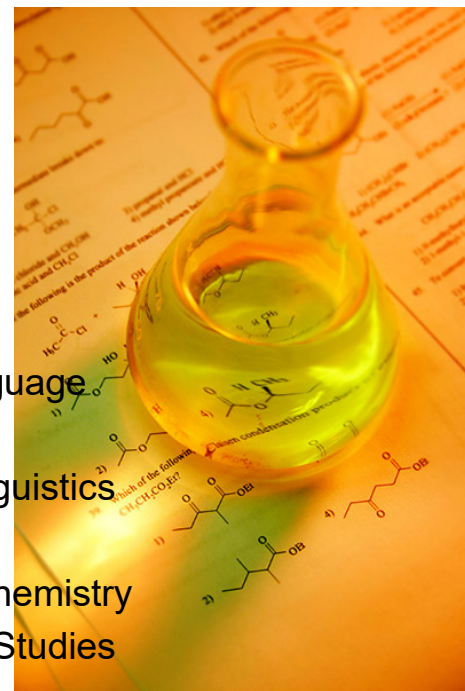


# Fields Of Research

- Agricultural Science
- American Studies
- Ancient Studies
- Astronomy
- Behavioural Science
- Biochemistry
- Biology
- Biomedical Computer Science
- Ecology
- Economics
- Engineering
- Food Science



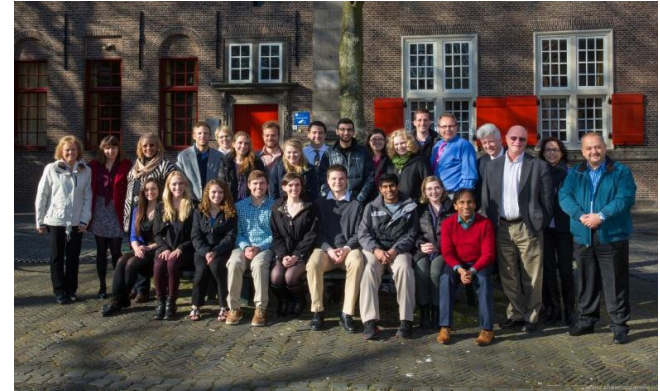
- Genetics
- German Language
- Geography
- Historical Linguistics
- History
- (In)organic Chemistry
- International Studies
- Law
- Mathematics
- Media Studies
- Molecular Biology
- Nanotechnology
- Neuroscience
- Physics & Astronomy
- Psychology
- Public Policy
- Sciences
- Social Sciences
- Zoology And many more





# Statistics

- Number of students since the start of the EuroScholars Program in S2008 – including S2020: 296
- Students come from: 107 various [North American institutions](#).
- Number of Research [projects offered](#): approx. 100



# EuroScholars Consortium and ranking



[KU Leuven](#), Belgium  
Ranked 45 (THES) / 97 (SJT)



[Leiden University](#),  
Netherlands Ranked 67  
(THES) / 80 (SJT)



[LMU Munich](#), Germany  
Ranked 32 (THES) / 51 (SJT)



[University of Geneva](#), Switzerland  
Ranked 144 (THES) / 59 (SJT)



THES = [Times Higher Education Ranking 2020](#)  
SJT = [Shanghai Jiao Tong Ranking/ARWU 2020](#)



# EuroScholars come from:

- Rutgers, The State Univ. of New Jersey, New Brunswick, NJ
- Amherst College, Amherst, MA
- Willamette University, Salem, OR
- Case Western Reserve University, Cleveland, OH
- University of Maryland, College Park, MD
- Missouri State University, Springfield, MO
- Washburn University School of Law, Topeka, KS
- University of Florida, Gainesville, FL
- University of Manitoba, Winnipeg, Canada
- University of Tulsa, Tulsa, OK
- Mount Holyoke, South Hadley, MA
- Clark University, Worcester, MA
- Rensselaer Polytechnic Institute, Troy, NY
- New York University, New York City, NY
- University of Minnesota, Minneapolis, MN
- Iowa State University, Ames, IA



- College of Notre Dame, Baltimore, MD
- Penn State University, University Park, PA
- Rhodes College, Memphis, TN
- Ohio University, Athens, OH
- University of Washington, Seattle, WA
- Carnegie Mellon University, Pittsburgh, PA
- DePauw University, Greencastle, IN
- Georgetown University, Washington DC
- Hampshire College, Amherst, MA
- Marietta College, Marietta, OH
- University of California, Berkeley, CA
- College of Charleston, Charleston, SC
- Regis University, Denver, CO
- Virginia Commonwealth University, Richmond, VA
- University of Denver, Denver, CO

And many other North American institutes.



# Outcomes

## ***What the students are saying ...***

*Percentage of respondents who either strongly agree or agree:*

**97%** Would recommend the EuroScholars Program to other undergraduate students interested in Research.

**85%** The Program helped me fine-tune my career/graduate school goals.

**100%** The Program exposed me to experience the opportunities I wouldn't have found on my home campus.

## ***What the Research Supervisors and Advisors are saying...***

**100%** Would recommend the EuroScholars Program to their colleagues and to undergraduate students interested in research.

## ***Other outcomes and impacts:***

- Increased academic maturity
- Hands-on experience in international research practices
- Unique insight into chosen field of research
- Increased interpersonal and academic communication skills
- Actual academic [\(joint\) publication](#)
- Improved profile for further study and career decisions
- Admission to prestigious graduate programs worldwide
- Life-long transatlantic network

Sander Zandbergen (Case Western Reserve University / Leiden University) and Research Supervisor Dr. Michiel de Dood: [Experimental Observation of Strong Edge Effects on the Pseudodiffusive Transport of Light in Photonic Graphene](#)

Peijia (Jessica) Yuan (University of California, Berkely / KU Leuven) published 3 articles with her Research Supervisor Prof. Wim Dehaen. 1 of the 3 articles is: [A Blue-Light-Emitting BODIPY Probe for Lipid Membranes](#)

Andrew Goldfarb (The College of New Jersey / Leiden University) and Research Supervisor Dr. Saskia Lesnik Oberstein: [Therapeutic NOTCH3 cysteine correction in CADASIL using exon skipping: in vitro proof of concept](#)

Nicole Bernstein (Pennsylvania State University / KU Leuven) and Research Supervisor Dr. Bart Van der Bruggen: [Tight ultrafiltration membranes for enhanced separation of dyes and Na<sub>2</sub>SO<sub>4</sub> during textile wastewater treatment](#)

Apoorv Kakar (Rutgers-The State University of New Jersey / KU Leuven) and Research Supervisor Reinhilde Jacobs, PhD: [Ultralow dose dentomaxillofacial CT imaging and iterative reconstruction techniques: variability of Hounsfield units and contrast-to-noise ratio](#)

Kylie Van Hoesen (University of Denver / University of Geneva) and Research Supervisor Prof. Marie Cohen: [The Dark Side of Cell Fusion](#)

Mareena Franke (Coe College / Leiden University) and Research Supervisor Dr. Ludo Juurlink: [Heterogeneous Catalytic Oxidation of Ammonia by Various Transition Metals](#)

# Quotes from Students <sup>(1)</sup>

“EuroScholars provided me with the opportunity to do research at Max Planck Institute, which helped me develop skills and credentials for my graduate study. I valued the experience of learning to do research in a foreign country. I noticed how research work and lifestyle can be structured differently in other culture.” (*Fan Chen, LMU / Washington University of St. Louis, Spring 2016*).

“I absolutely loved my time in the EuroScholars Program. I say it was the most influential experience of my undergraduate years. It had a huge impact on my personal growth and perspective, as well as my career goals. Every single one of my interviews for graduate school asked about the research I did abroad. Participating in EuroScholars was the most important decision as an undergraduate student. My home university was a small liberal arts school that does not offer much on research. Having the opportunity to conduct research at a large research university exposed me to a higher level of research that I could not have had otherwise.” (*Andrew Goldfarb, The College of New Jersey / Leiden University, Spring 2014. Current trajectory: PhD student in Biological and Biomedical Science program at Harvard University*).

“Unique opportunity for me to participate in political science research abroad; this is not an opportunity that I would have had at my home institution without EuroScholars. My research participation allowed me to fine-tune my academic focus on European affairs. independence and a high level of performance in a new environment to prospective employers. Opportunities to participate in international research through EuroScholars are unparalleled across academic disciplines. This, coupled with the unique personal experiences of the programs, makes it a clear choice, which I recommend enthusiastically.” (*Girard Bucello IV, University of Mary Washington / University of Geneva, Fall 2014. Current trajectory: Staff assistant at the International Monetary Fund*)



# Quotes from Students (2)

"I am currently a medical student at the medical university of South Carolina seeking my MD. Euroscholars exposed me to academic research and even more importantly reshaped my world view. I wouldn't be here today without the experiences and friendships I gained in Munich." (*Scott Landreth, College of Charleston / Ludwig Maximilians Universität, Fall 2011*)

"I found that the research experience I obtained through Euroscholars was a great addition to my resume and made me very competitive when applying to jobs. I was able to obtain experience that many other undergraduate students could not at a normal university. The University of Geneva had cutting edge technology like MRI and EEG that I would never have been able to work with so closely at the small liberal arts university that I attended. I think it is a wonderful opportunity to be exposed to the kind of research that one might do in a typical PhD program." (*Holly Aleksonis, University of Mary Washington / University of Geneva, Fall 2014. Current trajectory: Research assistant in the Center for Bio Behavioral Health, Nationwide Children's Hospital-Columbus*)

"EuroScholars played an essential role in both inspiring me to apply and subsequently get accepted into my current PhD position. I consider my decision to partake in the EuroScholars program to be perhaps the best academic and personal decision I've ever made. I cannot speak highly enough about the program and how much it prepared me for my graduate school studies and applications, improved my personal view of the world globally, and provided me with many fond memories I will always cherish." (*Adam Uliana, Pennsylvania State University / KU Leuven, Spring 2016*).



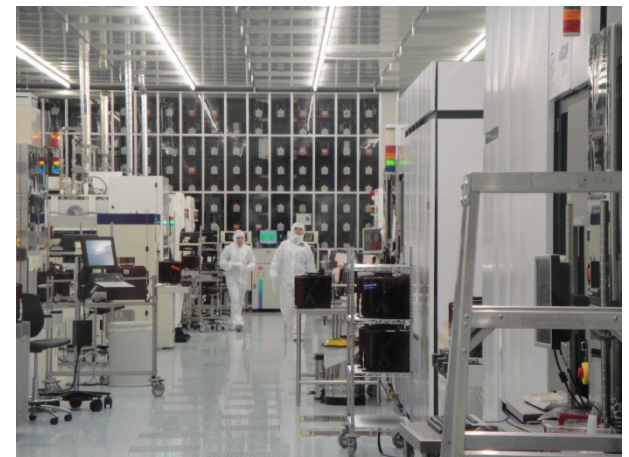


# Quotes from Research Supervisors

“Students should experience the important differences in education and research between US and other countries. Getting the opportunity to be immersed in a research environment early in a student's career can be a great motivation for further personal development.” *(Dr. Michiel de Dood, Leiden University)*

“The student was very eager to learn new things and picked up them up very easily. We were impressed, all the things he needed to learn for the research were new to him, but he behaved as an excellent student with a true research oriented mind set.” *(Dr. Reinhilde Jacobs, KU Leuven)*

“An undergraduate student should conduct research abroad in order to broaden his/her cultural horizon. Hosting a EuroScholar provides a unique insight, on the part of the student as well as on the part of his/her hosts, into the scientific and educational cultures on both sides of the Atlantic.” *(Prof. Dirk van der Marel, University of Geneva)*



## From the Advisors' perspective: why students should conduct research abroad

**Lauren Winogron** (Program Manager, Rutgers Global – Study Abroad): *"I think research abroad is a great opportunity for advanced undergraduate students! The opportunity to be published as an undergrad is equally amazing; and students being able to get together and learn about other research areas that their fellow cohort are conducting."*

**Amy Shenberger** (Director Study Abroad, University of North Texas): *"EuroScholars offers my students a unique opportunity to gain hands on research experience and gain an international perspective at the same time".*

**Autumn Beechler Stebing** (Assistant Director of Education Abroad, Case Western Reserve University): *"Gives them better intercultural communication skills and cultural immersion than taking courses does, simultaneously a better understanding of their field in the context of the world v. a potentially smaller context of their home university/region alone."*

**Heather Powell Browne** (Assistant Director Global Education, Colorado College): *"EuroScholars offers our undergraduates research opportunities that we would not be able to offer on such a scale on the home campus. EuroScholars has allowed my students to gain top-notch lab and research experience across a variety of academic disciplines, while still allowing them many of the important cultural and linguistic experiences of a more traditional study abroad model."*

## More Information

### ***EuroScholars Head Office at Leiden University***

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