

GIANT

INTERNATIONAL INTERNSHIP PROGRAMME



**Building sustainable
international partnerships**

GRENOBLE
a top destination for
high-level research and
life experience in
FRANCE

**Providing international
research experience**



**Fostering international
collaborations**



The GIANT International Internship Programme (GIIP) is a unique opportunity for non-European students to gain first-hand experience of scientific research and innovation in state-of-the-art facilities in Grenoble.

The GIIP offers two sessions of internships (summer and autumn) to undergraduate and graduate students of partner universities.

The GIIP provides placement in the GIANT campus laboratories and companies as well as tailored welcome services, such as housing and administrative assistance.

RESEARCH AND INNOVATION EXPERIENCE@GIANT

Every year, the GIANT International Internship Programme provides 50 research and innovation project openings in various fields:

GIANT Centres of Excellence

- Energy
- Health
- Information
- Technology management
- European large scale facilities (such as the synchrotron)
- Fundamental research

Past internships

- Micro and nanosciences
- Material sciences
- Structural biology
- Quantum physics
- Serious games development
- Solar absorbers
- Design of a lowtech energy grid...

After 3 months of intensive research, students compete for the best GIIP presentation award, and write a short article. Every year several interns co-publish alongside their host supervisors and teams in peer-reviewed journals and conferences: since 2011, our alumni have co-authored 20+ accepted publications and received 4 prizes and distinctions (iGEM conference prize, Lindau Nobel laureates meeting invitation...).



GRENOBLE AND THE GIANT INSTITUTES IN RANKINGS

Top quality science:

CNRS tops the Nature index
Nature index, article count

Highest standard research infrastructure:

ESRF and ILL are the world's most powerful synchrotron light and neutron sources

Innovative environment:

Grenoble 5th most inventive city in the World
Forbes: patents per residents

Student-friendly city: Grenoble is France's most liveable city for students
Palmarès général des villes étudiantes, L'Etudiant

Top quality innovation: CEA is the world's most innovative research institutions
Reuters Top 25 Global Innovators – Government





French
cooking classes

Cheese & wine
tasting

*"Best
programme of all
the international
experiences I had."*

Eric R. GIIP summer
intake 2013 - 2014
UPenn

As much as it is an immersive research programme, the GIIP is also a life experience in France: team building sessions with international and local students, social activities with the local expat communities, and various French culture experiences facilitate student orientation within the GIANT campus and Grenoble community.

GIIP IN A NUTSHELL

Internship:

Scientific research or innovation project

Intakes: May-August ;

September-November, for 3 months

Location: GIANT campus,
Grenoble, France

Eligibility: undergraduate and
graduate students from non
European partner universities

Hosts: CEA, CNRS, EMBL,
ESRF, GEM, G-INP, ILL,
UGA, Primo1D, PX'Therapeutics...

SCIENTIFIC AND NETWORKING PROGRAMME

On top of their internship in state-of-the-art facilities, interns attend seminars and workshops to explore strange new fields of research and boldly go where no intern has ever gone before.

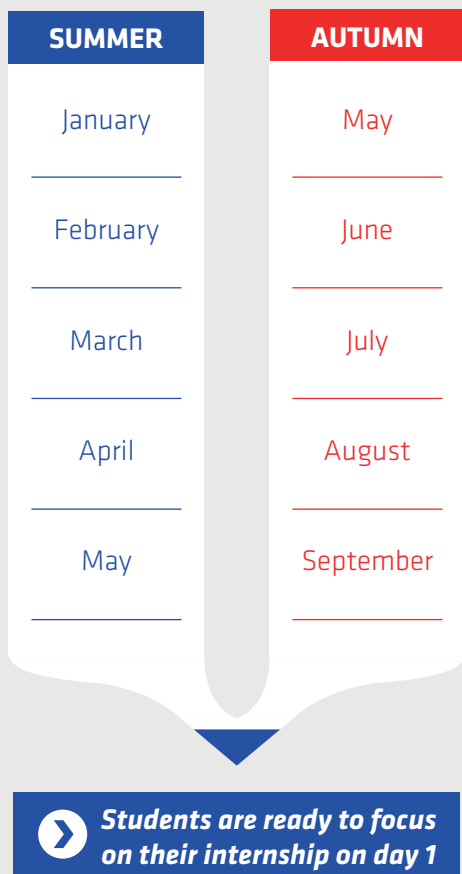
**Scientific seminars
& Design workshops**

French American Workshop

Summer interns present before and network with academics, scientists and diplomats from the US and France, and to identify other opportunities for them within the cooperation of the 2 countries.

GIANT campus tour

Visit of large research facilities (ESRF synchrotron, cleanrooms, nuclear labs...)



Student placement

- Collection of GIIP projects in GIANT labs and startups
- Selection of GIIP candidates by partner universities
- Project assignment

Administrative matters

- Coordination of immigration, internship contract and insurance matters by GIIP team
- Coordination of stay by the GIIP relocation service (housing, travel plans...)

Services upon arrival

- Welcome on arrival by GIIP relocation service, help with insurance and bank account opening
- Start of the scientific and social programme to facilitate student orientation and development

FINANCIAL SUPPORT

- Partner universities usually provide bursaries for air fare, and subsidise accommodation and living expenses.
- Host labs and companies provide a basic stipend.
- GIANT covers the relocation services, scientific and social programme, and is the local contact for students.
- Students cover visa (if required) and French civil liability insurance costs.



GIIP AT A GLANCE

250+ STUDENTS

have participated in
the GIIP (2011-2018)

20+ PARTNER UNIVERSITIES

around the world

500+ ATTENDEES

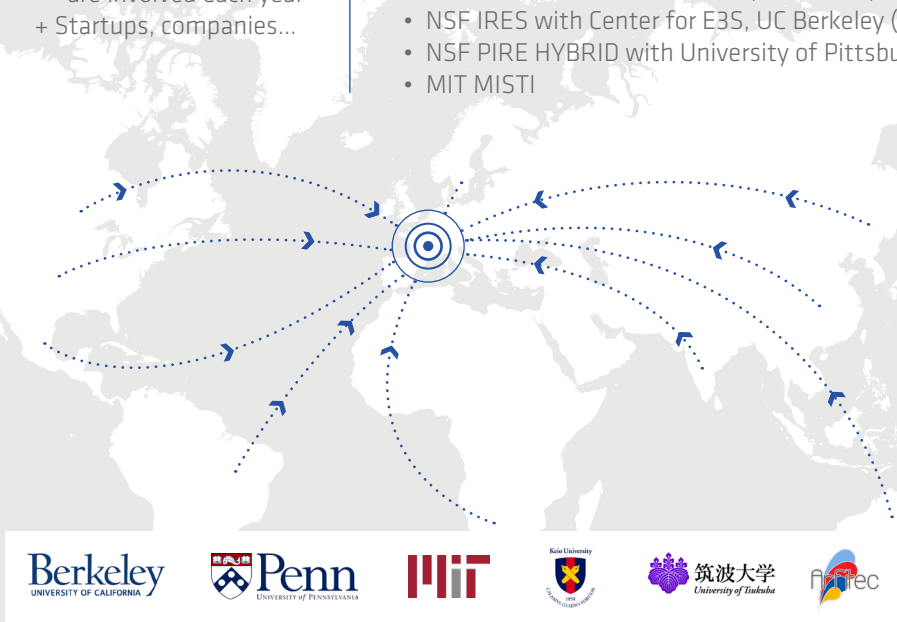
at the French American
Workshop since 2011

60+ GIANT RESEARCHERS

are involved each year
+ Startups, companies...

LONG-TERM PARTNERSHIPS

- NSF IRES with UPenn (2011-2016)
- NSF PIRE REACT with UPenn (2016-2020)
- NSF IRES with Center for E3S, UC Berkeley (2015-2017)
- NSF PIRE HYBRID with University of Pittsburgh (2017-2022)
- MIT MISTI



*"There is a real commitment to give the students an
immersive experience and the support offered
by GIANT is unique in Europe"*

Molly S - Former director of the MIT France program

"Thanks a lot; this was such a great experience for us!"

Gabriel A. GIIP summer intake 2016 UPenn

*"The summer programme @GIANT had a tremendous
effect on my decision to follow a career path in research"*

Dominique I - GIIP summer intake 2011



GIANT

INNOVATION
CAMPUS

ABOUT GIANT

The Grenoble Innovation for Advanced New Technologies (GIANT) campus is an alliance of eight founding members (CEA, CNRS, Grenoble-INP, Grenoble Ecole de Management, University Grenoble Alps, ESRF, EMBL and ILL). The eight institutions collaborate and work to foster ties between higher education, research and industry in order to support technological breakthroughs that will contribute to both the economy and society.

To meet the demands of our rapidly evolving society, the innovation campus focuses on three essential fields:

- Information and communication technology
- Renewable energy and environmental issues
- Biology and health

internships.giant-grenoble.org

