2019 Summer DGIST Research Internship for Undergraduates

DGIST Research Internship for Undergraduates aims to provide talented Korean and international students with opportunities to experience research environment of DGIST. Participants will serve their internship at the lab of their choice under the guidance of DGIST faculty members as visiting research students.

**Program Overview**

**Date**
Early July to Mid August, 2019 (6 weeks)
*Exact internship period will be announced in March 2019.*

**Research Area**
Various research topics of 6 departments in DGIST Graduate School
- Brain and Cognitive Sciences [https://brain.dgist.ac.kr/eng](https://brain.dgist.ac.kr/eng)
- New Biology [http://newbiology.dgist.ac.kr/](http://newbiology.dgist.ac.kr/)
*List of available labs and research topics of the lab will be announced in March 2019 at [https://en.dgist.ac.kr/](https://en.dgist.ac.kr/).*

**Eligibility**
- Undergraduate students who are currently enrolled in undergraduate degree program and have completed at least 4 semesters at the time of participation
- Students with a cumulative GPA of 3.5/4.3 or higher
- Students with high levels of English language proficiency

学部1〜4年生まで、またGPAの基準は満たさなくても参加可能です。

**Application**

**Application Period**
March 25 to April 19, 2019 (KST)
*阪大工学部での申し込み締め切りは4月10日です。*

**Application Documents**
- Application form for DGIST Research Internship, including personal statement and research proposal
- A digital copy of academic transcript in English
- A letter of recommendation (to be directly sent by academic advisor or faculty member)

**Contact**
International Affairs Team, DGIST
333, Techno jungang-daero, Hyeonpung-myeon, Dalseong-gun, Daegu, 42988
E: irf@dgist.ac.kr  W: en.dgist.ac.kr

**Benefit**

**Financial Support**
All participants will be provided with allowance for their accommodation, meals and miscellaneous expenses. The amount of allowance is approximately KRW 800,000.

**Accommodation**
DGIST Student Dormitory (Biseul Village) will be arranged for program participants. Please note that students are responsible for dormitory fee (Approximately USD 7 a day).

**Korean Culture Experience Activities**
International students will have chances to experience Korean culture and society first hand every two weeks.

**Life Support**
Global Lounge and Buddies provide campus-life related guidance and assistance for international members.
DGIST is an Institute of Science and Technology established by the Korean government to benefit society through development and advancement of science and engineering.

DGIST, started as a research institute in 2004, redefined its roles and responsibilities as a research-oriented university by opening graduate program in 2011 and undergraduate program in 2014, thereby expanding the organization where a university and research institute co-exists.

**MISSION**

- Benefit society through the development and advancement of science and engineering
- Conduct cutting-edge research to suggest solutions for grand challenges facing mankind
- Educate talent to make the world a better place with knowledge and the power of science

**EDUCATIONAL PHILOSOPHY**

- Creativity
- Challenge
- 4Cs
- Care
- Collaboration

**SCHOOLS & RESEARCH INSTITUTES**

**Collge of Transdisciplinary Studies**
- Single School without Department
  - School of Undergraduate Studies

**Graduate School**
- Emerging Materials Science
  - Quantum materials, Nano/ Bio materials, Computational materials
- Information & Communication Engineering
  - Cyber Physical Systems, Bio-medical Systems, Smart Connected Systems
- Robotics Engineering
- Energy Science & Engineering
  - Renewable Energy, Energy conversion and storage, Materials design
- Brain & Cognitive Sciences
  - Neuro-metabolism, Sensory Systems, Neuro-degeneration, Theoretical Biophysics
- New Biology
  - Aging Biology, Nano-bio Imaging, Systems and Complex Biology, Bio-sustainability, Biochemistry and Biophysics

* All classes in the graduate school are delivered in English.
* Semester : Spring (End of Feb - Mid June), Fall (Sep – End of Dec)

**Convergence Research Institute**
- 12 Research Centers and 4 Research Groups
  - Research Center for Solar Energy
  - Research Center for Wellness
  - DGIST-LLNL Research Center for Emerging Materials
  - Research Center for Resilient Cyber Physical Systems
  - Research Center for Microscale Technology
  - Research Center for Future Automotive Technology
  - DGIST-ETH Microelectronics Research Center
  - Core Protein Resources Center
  - Weil Aging Research Center
  - Research Center for Collaborative Robots
  - Global Center for Bio-Convergence Spin System Brain Engineering Convergence Research Center
  - Companion Diagnostics and Medical Tech Research Group
  - Smart Textile Convergence Research Group
  - Magnet-Controlled Materials Research Group
  - Intelligent Devices and Systems Research Group

**Affiliated Research Centers**
- Center for Plant Aging Research, Institute for Basic Science
- Korea Brain Research Institute

**SCHOLARSHIP**

- FULL TUITION SCHOLARSHIPS for all admitted students
  - With annual stipend for graduate students

**DORMITORY**

- Student Dormitories with 1,929 Capacity

**MEMBERS**

- Student 1,431
  - Bachelor's 848
  - Master's 211
  - Doctoral 152
  - Integrated MS-PhD 186
  - Combined UG-G 34
- Faculty & Staff 632
  - Researcher 242
  - Faculty 203
  - Administrative Staff 187
- Alumni 415
  - Bachelor's 96
  - Master's 279
  - Doctoral 40

7.0:1 Student to Faculty ratio
8.2% Ratio of Int'l students in Graduate School

As of August 2018