2019 Global Intern Program

ipa.gist.ac.kr

2019 GIP Time line

Apply
Jan. 16 ~ Mar. 8

Selection Period
Mar. 11 ~ Apr. 19

Selection Notice
Apr. 22 ~ 24

Visa Application
May - June

Orientation
June - July

Completion Ceremony
July - August

Host
Gwangju Institute of Science and Technology (GIST)

Apply
January 16, 2019 – March 8, 2019

Program Period
June 21, 2019 – August 16, 2019 (8 weeks)
Founded in 1993, GIST has grown over the past two decades to include an ever diverse group of talented students and prominent professors from around the world with the goal of becoming a top-tier global university by 2035. As an innovative research-oriented institute, GIST ranked 3rd in the world in Citations per Faculty in the QS World University Ranking in 2018.

What is GIP?

The Global Intern Program (GIP) offers students from countries around the world an opportunity to experience research at GIST by having you join a research lab for eight-weeks during the summer. Since 2008, over 310 international students have gained both theoretical knowledge and practical training in research through the GIP program.

Eligibility for GIP

* International undergraduate students who are currently seniors and to students enrolled in Master’s Program
* A GPA of 3.0 or above

How to Apply

1. Complete Online Application
   - Go to https://ipa.gist.ac.kr/
   - Create an account with your email address
   - Fill in online application form
   - Select two preferred laboratories and upload a research plan to complete the application

2. Upload Required Documents
   - Original (Official) Degree Certificates (Proof of Enrollment and/or Graduation Certificate)
   - Original (Official) Transcripts; All in English
   - Letter of Recommendation
   - English Language Proficiency Test Result
Research at the Laboratory

School of Electrical Engineering and Computer Science

- Communications and Sensor Networks Lab (SNL) (Prof. Kim, Kiseon)  https://comlab.gist.ac.kr
- Audio Intelligence Technology & Research Lab (AiTeR) (Prof. Kim, Hong Kook)  https://aiter.gist.ac.kr
- Computational Systems Biology Lab (Prof. Nam, Hojung)  https://www.csblgist.net
- Wired and Wireless Communication Systems Lab (W2C System) (Prof. Park, Chang-Soo)  https://www-ocl.gist.ac.kr
- Integrated Nanophotonics Lab (Prof. Seok, Tae Joon)  https://sites.google.com/view/inpl
- Flexible OptoElectronics Lab (Prof. Song, Young Min)  https://www.gist-foel.net
- High-Speed Integrated Circuit Lab (Prof. Song, Jong-In)  https://ssped.gist.ac.kr
- Multimedia Signal Processing Lab (Prof. Shin, Jongwon)  https://mspl.gist.ac.kr
- Meta-Evolutionary Machine Intelligence Lab (Prof. Ahn, Chang Wook)  https://sites.google.com/view/gist-memi
- Communication and Information Science Lab (Prof. Yu, Nam Yul)  https://sites.google.com/site/informationsciencelab
- Solid-State Lighting Lab (Prof. Lee, Dong-Seon)  https://ssll.gist.ac.kr
- Integrated Circuits and Systems Lab (Prof. Lee, Minjae)  https://sites.google.com/view/icsl
- Analog and Mixed-Signal Integrated Circuit Design Lab (AMIC) (Prof. Lee, Byung-Geun)  https://analog.gist.ac.kr
- Applied Optics Lab (Prof. Lee, Byeong Ha)  https://aolab.gist.ac.kr
- Information Controlling and NETWorking (INFO NET) (Prof. Lee, Heung-No)  https://infonet.gist.ac.kr
- Data Mining and Computational Biology Lab (Prof. Lee, Hyun ju)  https://combio.gist.ac.kr
- Wireless Networking and Security (WISE) (Prof. Lim Hyuk)  https://wits.gist.ac.kr
- Microwave Optoelectronic Integrated Devices and Systems Lab (Prof. Jang, Jae-Hyung)  https://midas.gist.ac.kr
- Bio-Computing Lab (Prof. Jun, Sung Chan)  https://biocomput.gist.ac.kr
- Optical Fiber Device Lab (Prof. Chung, Young joo)  https://ontl.gist.ac.kr
- Computer Vision Lab (Prof. Choi, Jong hyun)
- Wireless Communications and Computing (WCC) Lab (Prof. Choi, Jin ho)  https://ccl.gist.ac.kr
- The Specialty Optical Fibers Technologies (SOFT) Lab (Prof. Han, Won-Taek)  https://soft.gist.ac.kr
- Photon Info. Processing Lab (Prof. Ham, Byong Seung)  https://pip.gist.ac.kr
- Visual Communication (VC) Systems Lab (Prof. Ho, Yo-Sung)  https://vclab.gist.ac.kr
- Semiconductor Device Simulation Lab (Prof. Hong, Sung-Min)  https://sites.google.com/view/gist-sdsl
School of Materials Science and Engineering

- Flexible Electronics Lab (FEL) (Prof. Ko, Heung Cho)  https://mse.gist.ac.kr/~flexible
- Bio-Molecular and Bio-Integrated Material (BIMIL) Lab (Prof. Kwon, Inchan)  https://sites.google.com/site/kwonbiomaterialsgist/
- Photonics Polymer Lab (PPL) (Prof. Kim, Dong-Yu)  https://mse.gist.ac.kr/~ppl
- In Situ Nanostructure Processing Lab (INPL) (Prof. Kim, Bong Joong)  https://inpl.kr
- Nanophotonic Semiconductors Lab (Prof. Park, Seong-Ju)  https://mse.gist.ac.kr/~nsnl
- Soft Nanomaterials and Energy Lab (SNL) (Prof. Park, Ji-Woong)  https://mse.gist.ac.kr/~snl
- Bio-Electronics Materials Lab (Prof. Yoon, Myung-Han)  https://sites.google.com/site/gistbioelectronics
- Smart Hybrid Materials Lab (Prof. Yoon, Tae Ho)  https://mse.gist.ac.kr/~smartpolymer
- Organic Semiconductors and Photonics Lab (Prof. Lee, Kwanghee)  https://mse.gist.ac.kr/~ospl
- Exploratory Hybrid Electronic Device Lab (EXEL) (Prof. Lee, Byoung Hun)  https://gistexel.com
- Functional Nanostructures and Nano electronics Lab (Prof. Lee, Sang han)  https://www.sites.google.com/site/funationalnl/home
- Biomimetic Materials Lab (Prof. Lee, Jae Young)  https://sites.google.com/site/biomaterialjal/home
- Condensed Matter and Materials Theory (CMAT) Lab (Prof. Lee, Joo-Hyoun)  https://sites.google.com/site/cmatatgist
- Advanced Lithography for Integrated Systems Lab (Prof. Jung, Gun-Young)  https://mse.gist.ac.kr/alislab
- Functional Oxide Nanostructure Lab (Prof. Jo, Ji Young)  https://sites.google.com/view/fun-oxide
- Electrocatalysis and Materials Lab (Prof. Choi, Chang Hyuk)  https://www.emligist.com
- Biomacromolecular Engineering Lab (Prof. Tae, Gi Yoong)  https://sites.google.com/site/gistbmel
- Low-dimensional Electron Systems Lab (Prof. Lee, Kayoung)  
- Nano Electronic and Energy Materials Lab (Prof. Ham, Moon-Ho)  https://sites.google.com/site/neemgist
School of Mechanical Engineering

- Modeling and Simulation Lab (Prof. Ko, Kwang Hee)  https://modsim.gist.ac.kr
- Microwave Sensing & Imaging Lab (Prof. Kim, Kang Wook)  https://em.gist.ac.kr
- Human Robotics Lab (Prof. Ryu, Je Ha)  https://haptics.gist.ac.kr
- Sensor and Actuator Lab (Prof. Park, Kyi Hwan)  https://sentor.gist.ac.kr
- Distributed Control & Autonomous Systems Lab (Prof. Ahn, Hyo Sung)  https://dcas.gist.ac.kr
- Bio MEMS Lab (Prof. Yang, Sung)  https://biomems.gist.ac.kr
- Intelligent System Design Lab (Prof. Wang, Se Myung)  https://isd.gist.ac.kr
- Intelligent Design & Graphics Lab (Prof. Lee, Kwan Heng)  https://ideg.gist.ac.kr
- Smart 3D Printing Lab (Prof. Lee, Yong Gu)  https://nsl.gist.ac.kr
- Bio-Robotics Lab (Prof. Lee, Jong-ho)  https://bionics.gist.ac.kr
- Laser Micro/Nano Fabrication Lab (Prof. Jeong, Sung-ho)  https://laser.gist.ac.kr
- Nano Energy & Heat Transfer Lab (Prof. Seol, Jae Hun)  https://nheat-lab.info
- MEMS and Nano Systems Lab (Prof. Lee, Jong Hyun)  https://mems.gist.ac.kr
- Information and Signal Processing Lab (Prof. Hwang, Eui-seok)  https://isp.gist.ac.kr
- Fluid Mechanics Lab (Prof. Jee, Sol-Keun)
- System Health & Reliability Lab (Prof. Oh, Hyun Seok)  https://shr.gist.ac.kr
- Aerospace Propulsion Lab (Prof. Lee, Bok Jik)
- Energy Conversion Optimization Lab (Prof. Lee, Jae Wook)
School of Earth Sciences and Environmental Engineering

- Stable Isotope Ecology Lab (SIEL) (Prof. Kang, Chang-Keun)  https://www.siel.kr
- Soil Environment Lab (SEL) (Prof. Kim, Kyung-Woong)  https://env1.gist.ac.kr/~soillab
- Environmental Toxicology and Chemistry Lab (ETCL) (Prof. Kim, Sang-Don)  https://env1.gist.ac.kr/~etcl
- Water Energy Link Lab (WELL) (Prof. Kim, Young Mo)  https://env1.gist.ac.kr/~well
- Evolutionary Ecology Lab (EEL) (Prof. Kim, Eun-Suk)  https://eunsukkim2.wix.com/board
- Environmental Membrane-Biotechnology Lab (EMBL) (Prof. Kim, In Soo)  https://embl.gist.ac.kr
- Environmental Systems Engineering Lab (ESEL) (Prof. Kim, Joon Ha)  https://esel.gist.ac.kr
- Environmental Omics Lab (EnOL) (Prof. Kim, Tae Young)  https://sites.google.com/site/tykimgroup
- Membrane and Electrochemistry Lab (MEL) (Prof. Moon, Seung-Hyeon)  https://mel.gist.ac.kr
- Atmospheric Trace Molecules Sensing (ATMOS) Lab (Prof. Min, Kyung-Eun)  https://atmoslab.gist.ac.kr
- Aerosol Technology Monitoring Lab (ATML) (Prof. Park, Ki-Hong)  https://atml.gist.ac.kr
- Carbon & Energy Systems Lab (CnESL) (Prof. Park, Young June)  https://cnesl.gist.ac.kr
- Atmospheric Chemical Information Research (AIR) Lab (Prof. Song, Chul-Han)  https://env1.gist.ac.kr/~air
- Climate Analysis and Modeling (CAM) Lab (Prof. Yoon, Jin-Ho)  https://sites.google.com/site/gistcamlab
- Water Quality and Treatment Lab (WQTL) (Prof. Lee, Yun Ho)  https://env1.gist.ac.kr/~wqtl
- Energy and Biotechnology Lab (EBL) (Prof. Chang, In Seop)  https://env1.gist.ac.kr/~ebl
- Environmental Nanotechnology Lab (ENL) (Prof. Choi, Hee-Chul)  https://enl.gist.ac.kr
- Trace Metal Biogeochemistry (TMB) Lab (Prof. Han, Seung Hee)  https://env1.gits.ac.kr/~tmbl
- Applied & Environmental Microbiology Lab (AEML) (Prof. Hur, Hor-Gil)  https://aeml.or.kr
School of Life Sciences

- Laboratory of Molecular Neuroethology (Prof. Kim, Young-Joon)  https://gistflylab.wixsite.com/gistlmn
- Drug Discovery Lab (Prof. Kim, Yong Chul)  https://life.gist.ac.kr/ddl/index1.php
- Structural Biology Lab (Prof. Kim, Jae-Il)  https://life.gist.ac.kr/nmr
- Laboratory of Tumor Suppressor (Prof. Nam, Jeong-Seok)  https://cancer.gist.ac.kr
- New Drug Targets Lab (Prof. Darren Williams)  https://lfie.gist.ac.kr/smrb
- Cell Clearance Lab (Prof. Park, Dae-Ho)  https://gistlifeccl.weebly.com
- Cellular Immunology Lab (Prof. Park, Sung-Gyoo)  https://life.gist.ac.kr/tcell
- Functional and Medicinal Proteomics Lab (Prof. Park, Zee Yong)  https://life.gist.ac.kr/mass
- Laboratory of Molecular Neurobiology (Prof. Park, Chul-Seung)  https://lfie.gist.ac.kr/mnl
- Laboratory of Neural Development and Function (Prof. Song, Mi-Ryoung)  https://life.gist.ac.kr/ldn
- Cell Dynamics and Imaging Lab (Prof. Song, Woo Keun)  https://lfie.gist.ac.kr/cell
- Laboratory of RNA Genomics and Gene Expression Regulation (Prof. Shen, Haihong)  https://gistrna.wixsite.com/gistrna
- Protein Structure-Function Lab (Prof. Eom, Soo Hyun)  https://lfie.gist.ac.kr/xray
- Medicinal Biochemistry Lab (Prof. Yoo Yung-Joon)  https://life.gist.ac.kr/mbl
- Cellular Logistics and Aging Research Lab (Prof. Jun, Young-Soo)  https://life.gist.ac.kr/cmb
- Osteoarthritis Research Lab (Prof. Chun, Jang-Soo)  https://life.gist.ac.kr/mmcc
- Immune Synapse and Cell Therapy Research Lab (Prof. Jun, Chang-Duk)  https://life.gist.ac.kr/isid
- Reproductive Biomedicine Gene Discovery (Prof. Cho, Chung Hee)  https://rbgdlife.gist.com
- Membrane Protein Structural and Functional Research Lab (Prof. Jin, Mi Sun)  https://sites.google.com/site/mpslab
- Developmental Genetics Lab (Prof. Jin, Suk-Won)  https://life.gist.ac.kr/dv
- Tumor Metabolism and Therapeutic Oncology Research Lab (Prof. Steve Cho)
School of Physics and Chemistry

- Laboratory for Electron Spectroscopy for Surface/Interface Chemical Analysis (Prof. Mun, Bong Jin)  
  https://sites.google.com/site/gistesca
- Laboratory for Ultrafast Nonlinear Optics (Prof. Ko, Do-Kyeong)  
  https://sites.google.com/view/ultrafast
- Center for Relativistic Laser Science (Prof. Nam, Chang Hee)  
- X-ray Laboratory for Nano Scale Phenomena (Prof. Noh, Do Young)  
  https://x-ray.gist.ac.kr
- Mathematical Physics Research Lab (Prof. Song, G. Hugh)  
  https://turandot.gist.ac.kr
- Laser-Plasma Acceleration Lab (Prof. Suk, Hy-Yong)  
  https://lpalab.wixsite.com/lpal
- Laboratory for Spectroscopy of Condensed matter Physics (Prof. Lee, Jong-Seok)  
  https://sites.google.com/site/optogist1
- High Energy Density Physics Lab (Prof. Cho, Byoung-Ick)  
  https://sites.google.com/site/hedpufx/
- Laser Fusion Lab (Prof. Bang, Woo Suk)  
  https://sites.google.com/site/laserfusionlab/about-me
- Computational Many Body Physics Group (Prof. Kim, Dong-Hee)  
  https://sites.google.com/site/comphysgist
- Attosecond Science Lab (Prof. Kim, Kyung Taec)  
  https://sites.google.com/site/attoscilab
- BioSensors and Bio-Photonics (BSBP) Lab (Prof. Kim, Min-Gon)  
  https://bsbp.gist.ac.kr
- Structure-Function Discovery Lab (Prof. Kim, Jung Wook)  
  https://sites.google.com/site/junwooklab
- Structural Biochemistry Lab (Prof. Park, Chin-Ju)  
  https://sites.google.com/site/parklabgist/home
- Femtosecond Spectroscopy Lab (Prof. Pang, Yoon-Soo)  
  https://femto.gist.ac.kr
- Hybrid Catalysts Lab (Prof. Seo, Jun Hyeok)  
  https://sites.google.com/view/inorggist/j-seo
- Biomimetic Materials Lab (Prof. Seo Ji-Won)  
  https://sites.google.com/site/gistpeptoid
- Medicinal Chemistry Lab (Prof. Ahn, Jin Hee)  
  https://sites.google.com/site/medichemgist1/
- BioPhysical Chemistry Lab (Prof. Lee, Kang Taek)  
  https://bpc.gist.ac.kr
- Photonic Quantum Chemistry Lab (Prof. Lee, Hoh Jai)  
  https://chem.gist.ac.kr/hohjai
- Organic Synthesis Lab (Prof. Chung, Won-Jin)  
  https://orgsyn.gist.ac.kr
- BioOrganic Chemistry Lab (Prof. Han, Min-Su)  
  https://boc.gist.ac.kr
- Functional Organic Molecules Synthesis Lab (Prof. Hong, Suk Won)  
  https://sites.google.com/site/gistfos
- Environmental Omics Lab (Prof. Kim, Tae-Young)  
  https://sites.google.com/site/tykimgroup
- Energy Catalyst and Device Lab (Prof. Eom, Soo Hyun)  
  https://catalyst.gist.ac.kr
- Gist Theoretical Physics Lab (Prof. Kim, Keun-Young)  
  https://sites.google.com/view/gctpb202/
Institute of Integrated Technology
- Department of Biomedical Science & Engineering
- School of Integrated Technology

- 3D Biomedical Image and Technology (Prof. Kwon, Hyuk-Sang) https://3dbit.gist.ac.kr
- Biophotonics Lab (Prof. Kim, Jae Gwan) https://biophotonics.gist.ac.kr
- Laboratory of Translational Neuroscience (Prof. Kim, Tae) https://taekimmd.wixsite.com/neurolab8gist
- Neuro-Modulation Lab (Prof. Kim, Hyoung-Ihl) https://neurod.gist.ac.kr
- Laboratory of Genomic Medicine (Prof. Park, Han Soo)
- Biomedical in Vivo Opto-Scopy (Prof. Chung, Eui Heon) https://bio-scopy.gist.ac.kr/
- Healthcare Robotics Lab (Prof. Kim, Moon Sang) https://hrlab.gist.ac.kr
- Energy System Innovation Lab (Prof. Kim, Jin Ho) https://gesi.gist.ac.kr
- Human-Centered Intelligent Systems Lab (Prof. Kim, Seung Jun) https://sites.google.com/view/gist-hcis-lab
- Power Systems Lab (PSL) (Prof. Kim, Yun Su) https://psl.gist.ac.kr
- Energy Storage Material and Device Lab (Prof. Kim, Hyeong Jin) https://esmdl.gist.ac.kr
- Computer Graphics Lab (Prof. Moon, Bo Chang) https://cglab.gist.ac.kr
- Power Electronics Research Lab (Prof. Park, Yong Soon) https://perl.gist.ac.kr
- Energy Catalyst and Device Lab (Prof. Pak, Chan Ho) https://catalyst.gist.ac.kr
- Intelligent Medical Robotics Lab (Prof. Yoon, Jung Won) https://medrobotics.gist.ac.kr
- Artificial Intelligence Lab (Prof. Lee, Kyoo Bin) https://ai.gist.ac.kr
- Mobile Power Electronics Lab (Prof. Rim, Chun Taek) https://tesla.gist.ac.kr
- Soft Computing & Interaction Lab (Prof. Hong, Jin-Hyuk) https://sites.google.com/site/humaninformaticslab
2019 Global Intern Program

Contact

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