

# 2022 KAIX Global Internship Program

KAIST Advanced Institute for Science-X (KAIX) holds the KAIX Global Internship Program that provides support for undergraduate students who want to experience research activity in the participating laboratory at KAIST. Applicants interested in the field of natural science including physics, chemistry, mathematics, biological science, and medical science, are invited to participate the program. The internship program will provide financial support to visit KAIST for 2-4 weeks from abroad, which include roundtrip airfare, dormitory and other expenses to stay at KAIST. The application deadline is Oct 30. The application form and required documents must be submitted by email to [kaix@kaist.ac.kr](mailto:kaix@kaist.ac.kr)



## ○ Support

- Airfare, dormitory expense, stay expense is supported by KAIX
  - ※ Up to \$3,000 during 2~4 weeks of internship

## ○ Application submission

- Choosing the tentative start date for visiting KAIST to participate the program
  - ※ Applicants and the hosting lab can freely determine the visiting period after the submitted application is accepted.
  - ※ However it must be finished by Feb 28, 2023
- **Send the Application form to [kaix@kaist.ac.kr](mailto:kaix@kaist.ac.kr) along with a transcript, enrollment verification, and one letter of recommendation**

※ After reviewing the application, the result will be notified  
(typically within 2 weeks)

○ Application period

- Aug 1 ~ Oct 30, 2022 (It may close early)

○ Internship Program Schedule

- **Arrive KAIST at the tentative starting date**

※ KAIX will reserve the roundtrip flight ticket and send the e-ticket to the student

- **Participate in the research activity in the hosting lab for 2~4 weeks**

※ KAIX will reserve a dormitory room for staying at KAIST

- **Submit a report of internship activity to KAIX**

- **Leave KAIST at the ending date**

○ Inquiry

- Jennifer Jinock Hwang / Staff of KAIX

- [h\\_jennifer@kaist.ac.kr](mailto:h_jennifer@kaist.ac.kr)

# KAIX Global Internship Application

Fill in this application form and email to [kaix@kaist.ac.kr](mailto:kaix@kaist.ac.kr) along with a transcript, enrollment verification, one letter of recommendation (Aug 1 ~ Oct 30)

<b>Applicant</b>	<b>Name</b>	<b>First name:</b> <b>Family name:</b>
	<b>Affiliation</b>	
	<b>Desired Period</b> (2~4 weeks)	<b>DD/MM/2022 ~ DD/MM/20XX</b> *KAIX runs Global Internship Program Sep. 2022 ~ Feb 2023. You can choose any date with period of 2~4 weeks
<b>3 Labs for Internship</b>  (Choose 3 labs at most from the lab list)		write a lab name please
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## Activity plan

Please write an essay up to **1,200 words**, including why you apply this internship, why you choose the labs you listed up, and what you plan to do with the lab(s) etc.

## [Appendix] Lab List for 2022 KAIX Global Internship

no.	Hosting Lab name	Dept.	Lab Director	Email	Website
1	Chromatin Biology Laboratory	Biological Sciences	Daeyoup Lee	daeyoup@kaist.ac.kr	<a href="https://sites.google.com/site/kaistchromatin/">https://sites.google.com/site/kaistchromatin/</a>
2	Lab of Stem Cell & Tissue Regeneration	Biological Sciences	Hanseul Yang	hyang@kaist.ac.kr	<a href="https://hyang881.wixsite.com/yanlab">https://hyang881.wixsite.com/yanlab</a>
3	Nanomedicine and diagnostics laboratory	Biological Sciences	Hyun Jung Chung	hyunjc@kaist.ac.kr	<a href="http://nanomedicine.kaist.ac.kr">http://nanomedicine.kaist.ac.kr</a>
4	Epigenomics and computational biology lab (Epic Lab)	Biological Sciences	Inkyung Jung	ijung@kaist.ac.kr	<a href="https://sites.google.com/view/junglab-kaist/main">https://sites.google.com/view/junglab-kaist/main</a>
5	Molecular Catalysis Laboratory (MCL)	Chemistry	Soon Hyeok Hong	soonhyeok.hong@kaist.ac.kr	<a href="https://url.kr/q28i71">https://url.kr/q28i71</a>
6	Sustainable Catalysis Laboratory	Chemistry	Park Yoonsu	yoonsu.park@kaist.ac.kr	<a href="https://ypark-lab.com/">https://ypark-lab.com/</a>
7	Natural Products Synthesis and Synthetic Methods Development Laboratory	Chemistry	Sunkyu Han	sunkyu.han@kaist.ac.kr	<a href="https://synthesis.kaist.ac.kr/">https://synthesis.kaist.ac.kr/</a>
8	Molecular Biophysics Laboratory	Chemistry	Jin Young Kang	jykang59@kaist.ac.kr	<a href="https://kanglab2019.wixsite.com/home">https://kanglab2019.wixsite.com/home</a>
9	Molecular Logic Gate Lab	Chemistry	David G. Churchill	dchurchill@kaist.ac.kr	<a href="http://churchill.kaist.ac.kr/">http://churchill.kaist.ac.kr/</a>
10	Computational Photodynamics Research Lab	Chemistry	Young Min Rhee	ymrhee@kaist.ac.kr	<a href="http://singlet.kaist.ac.kr">http://singlet.kaist.ac.kr</a>
11	In Vivo Micro-Visualization Laboratory (IVMVL)	Graduate School of Medical Science and Engineering	Pilhan Kim	pilhan.kim@kaist.ac.kr	<a href="http://ivmvl.kaist.ac.kr">http://ivmvl.kaist.ac.kr</a>
12	Lab of Liver Research	Graduate School of Medical Science and Engineering	Won-II JEONG	wijeong@kaist.ac.kr	<a href="http://llr.kaist.ac.kr/">http://llr.kaist.ac.kr/</a>

no.	Hosting Lab name	Dept.	Lab Director	Email	Website
13	Genome Therapeutics Lab	Graduate School of Medical Science and Engineering	Jinkuk Kim	jinkuk@kaist.ac.kr	<a href="https://jinkukkim.org">https://jinkukkim.org</a>
14	Lab of Skin and Mucosal Immunology	Graduate School of Medical Science and Engineering	Ji Eun Oh	jieun.oh@kaist.ac.kr	<a href="https://sites.google.com/view/kaist-ohlab">https://sites.google.com/view/kaist-ohlab</a>
15	Biomedical Mathematics Lab	Mathematical Sciences	Jae Kyoung Kim	jaekkim@kaist.ac.kr	<a href="https://www.ibs.re.kr/bimag/">https://www.ibs.re.kr/bimag/</a>
16	Statistical Learning and Applications	Mathematical Sciences	Cheolwoo Park	parkcw2021@kaist.ac.kr	<a href="https://sites.google.com/view/parkcw/home?authuser=1">https://sites.google.com/view/parkcw/home?authuser=1</a>
17	Scientific Machine Learning	Mathematical Sciences	Yeonjong Shin	yeonjong_shin@kaist.ac.kr	<a href="https://sites.google.com/site/shinmathematics/">https://sites.google.com/site/shinmathematics/</a>
18	CHARM Laboratory(Complex Heterostructures & Advanced Research on Multiferroics)	Physics	Chan-Ho Yang	chyang@kaist.ac.kr	<a href="https://oxide.kaist.ac.kr">https://oxide.kaist.ac.kr</a>
19	Complex Systems and Statistical Physics Laboratory	Physics	Hawoong Jeong	hjeong@kaist.edu	<a href="http://stat.kaist.ac.kr">http://stat.kaist.ac.kr</a>
20	Multi-Dimensional Atomic Imaging Lab (MDAIL)	Physics	Yongsoo Yang	yongsoo.yang@kaist.ac.kr	<a href="http://mdail.kaist.ac.kr">http://mdail.kaist.ac.kr</a>
21	Quantum and Nanobio Photonics (QNP) Laboratory	Physics	Yong-Hoon Cho	yhc@kaist.ac.kr	<a href="http://qnp.kaist.ac.kr">http://qnp.kaist.ac.kr</a>
22	Quantum Spin Dynamics Laboratory	Physics	Se Kwon Kim	sekwonkim@kaist.ac.kr	<a href="https://sites.google.com/site/sekwonkimphysics">https://sites.google.com/site/sekwonkimphysics</a>
23	Electronic structure Research Laboratory (ERlab)	Physics	Yeong Kwan Kim	yeongkwan@kaist.ac.kr	<a href="http://erlab.kaist.ac.kr">http://erlab.kaist.ac.kr</a>
24	Particle Theory Group	Physics	Hye-Sung Lee	hyesung.lee@kaist.ac.kr	<a href="https://force.kaist.ac.kr">https://force.kaist.ac.kr</a>

no.	Hosting Lab name	Dept.	Lab Director	Email	Website
25	Quantum optics and quantum information laboratory	Physics	Young-Sik Ra	ysra@kaist.ac.kr	<a href="http://qoqi.kaist.ac.kr">http://qoqi.kaist.ac.kr</a>
26	Biomedical optics lab (BMOL)	Physics	YongKeun (Paul) Park	Yk.park@kaist.ac.krs	<a href="http://bmokaist.wordpress.com/">http://bmokaist.wordpress.com/</a>
27	Quantum Materials Simulation Group (QnMSG)	Physics	Yong-Hyun Kim	yong.hyun.kim@kaist.ac.kr	<a href="http://qnmsg.kaist.ac.kr">http://qnmsg.kaist.ac.kr</a>
28	Sub-Wavelength Optics Lab.	Physics	Min-Kyo Seo	minkyu_seo@kaist.ac.kr	<a href="http://swol.kaist.ac.k">http://swol.kaist.ac.k</a>
29	Artificial Effective Matter Group	Physics	Bumki Min	bmin@kaist.ac.kr	<a href="http://photonics.kaist.ac.kr">http://photonics.kaist.ac.kr</a>
30	Theory of Ultrafast Quantum phenomena Lab	Physics	Andrey Moskalenko	moskalenko@kaist.ac.kr	<a href="https://sites.google.com/view/kaist-quqp">https://sites.google.com/view/kaist-quqp</a>