

Professor List for International Students 2022 Spring

교수 소속 및 연구분야(Professor's Contact Details and Fields of Study)					지원금 및 지원 수준(Details on the Research Assistantship and Support)			자격조건(Requirements)	기타 (etc)
교수 (Name of Professor)	연구실 전화번호 Contact(LAB)	이메일 E-mail	단과대학 (College)	전공 (Department/Major)	연구분야 (Field of Study)	지원금 수준_석사 (Assistantship Allowance/month)-M.A	지원금 수준_박사 (Assistantship Allowance/month)-Ph.D		
Jee-Won Lee	+82-62-530-2098	ljw4376@chonnam.ac.kr	College of Agriculture and Life Sciences	Wood Science and Engineering	Bioenergy, Biorefinery, Biomaterial	\$1300/Month	\$1500/Month	Incentives for published paper, Opportunity for attending conference, etc	Passion for the major
Doyeon Bang	+82-62-530-4213	dbj@ju.ac.kr	College of AI Convergence	Robotics engineering major	Medical soft robotics, micro scale 4D printing	\$800-\$1000/month	\$1200-\$1500/month	tuition + incentives, support for conferences	Preferring self-motivated learner with curiosity
Kang Byungjeon	+82-62-530-4212	bjkang8204@ju.ac.kr	College of AI Convergence	Robotics engineering	Medical/micro/nano robots: motion planning, magnetic and acoustic manipulation, localization	\$800-\$1000/month	\$1200-\$1500/month	incentives, support for conferences	Background in mechanical engineering, electrical engineering, or computer science
Seungwon Kim	+82-62-530-4231	Seungwon.Kim@ju.ac.kr	College of AI Convergence	Dept. of AI Convergence	Virtual Reality/ Augmented Reality	\$1000-1100/Month	\$1300-1400/Month	Opportunity for Internship in Australia or New Zealand, Extra Incentive	Fluent English Speaking/Writing
Jung-Jungho	+82-62-530-3090	adj_cw@naver.com	College of Arts	Interdisciplinary Program of Arts & Design Technology	Service Design	700,000 KRW/month	1,300,000 KRW/month	Incentives are paid according to the performance of participation in thesis, research, exhibition, etc.	Full-time student
Ko Young Chul	+82-62-530-2491	kkco1982@ju.ac.kr	College of Education	Department of Chemistry Education/Physical Chemistry	Computational Chemistry, Theoretical modelling of functional materials based on the density functional theory (DFT)	Upto 800,000 KRW/Month	Upto 900,000 KRW/Month	Incentive (about \$300 per one first author paper)	The major should be based on chemistry, materials science and chemical engineering
Kang Kiju	+82-62-530-0304 +82-62-530-1668	kjkang@ju.ac.kr	College of Engineering	Mechanics	Mechanical metamaterials	more than \$1,300/Month	more than \$1,800/Month		
Ko Seong Young	+82-62-530-1679	siko@ju.ac.kr	College of Engineering	Mechanical Engineering / Robotics	Medical Robotics / Intelligent Control	1,500,000 KRW/M with BK-scholarship / 1,100,000 KRW/M without BK-scholarship	1,400,000 KRW/M without BK-scholarship	Participating the project, and supporting the international conferences.	TOEIC 700 or above, or equivalent
Woohyun Kim	+82-62-530-1663	whkim@ju.ac.kr	College of Engineering	Mechanical Engineering	AI-based prognosis, Model predictive control, Thermal energy system	\$1400/Month	\$2400/Month		
Chang-Seil Kim	+82-62-530-5260	ckim@ju.ac.kr	College of Engineering	Mechanical Engr./Dynamics and Control	Control, Robotics	\$700-\$950/Month	\$1,100-\$1,400/Month	Incentive for good publication	CV, interview
Gyuhae Park	+82-62-530-1661	gpark@ju.ac.kr	College of Engineering	Mechanical Engineering	Vibration/Structural Health Monitoring	ex) \$1000/Month	ex) \$1500/Month	BK21 Assistantship available	TOEIC 700 or higher
Dong-Weon Lee	+82-62-530-1684	mems@ju.ac.kr	College of Engineering	Mechanics	MEMS	\$1,200/Month	\$1,600/Month	Incentive based on the evaluation of research	BS or MS degree in Engineering or related fields
Lee, Bong-Keo	+82-62-530-1685	b.lee@chonnam.ac.kr	College of Engineering	Mechanical Engineering	Multiscale molding and manufacturing	~KRW 1.2M/month	~KRW 1.5M/month	Opportunity to receive additional scholarship from BK21 program; Incentives for outstanding research achievements	English proficiency (TOEIC 700 or equivalent)
Eungho Choi	+82-62-530-5270	eunghochoi@ju.ac.kr	College of Engineering	Mechanical Engr./Micro robotics	Micro-robotics	\$700-\$950/Month	\$1,100-\$1,400/Month	Incentive for good publication	CV, interview
HAN, Seungjwoi	+82-62-530-0388 +82-62-530-5361	shan@ju.ac.kr	College of Engineering	Mechanical Engineering	Optics & Laser Engineering	\$1,500/Month	\$2,000/Month	Depending on project results	Basic knowledge on Optics
Hong, Ayoung	+82-62-530-4211	ahong@ju.ac.kr	College of Engineering	Mechanical Engineering	Modeling and control for robotics, robot vision	\$800/Month	\$1,200/Month	support for international conferences, incentives for excellent publications	Programming skills (python, C/C++, MATLAB), Background in Mechanical/Electrical/Computer engineering
Choi, Yonghoon	+82-62-530-1737	yhchoi@ju.ac.kr	College of Engineering	Department of Electrical Engineering	Energy ICT, Optimization, Smart Grid Communications and Networking	-	\$1,500/Month	Travel grant for domestic and/or international conference	- CV (including photo) and research plan - Publication List (if achievement, if exist) - Advanced English level (writing and speaking) and willingness to learn Korean - Computer and programming skills (MATLAB)
Deokjai Choi	+82-62-530-3429	dchoi@ju.ac.kr	College of Engineering	Dept. of AI Convergence	Biometric Cryptosystem, Energy Internet	\$900/Month		Publication Incentives	Fluent English Speaking/Writing
Hyang-Jeong Yang	+82-62-530-3436	hyang@ju.ac.kr	College of Engineering	Dept. of AI Convergence	Bioinformatics, Pattern Recognition, Semantic web, Multimedia Data mining, Big Data Analysis, Deep Learning, Medical data analysis	₩700,000 - ₩ 1,500,000/Month	₩800,000 - ₩2,000,000/Month	Provide Machines, Tuition and Incentive	1. programming skill(C, C++, and JAVA), 2. company experience as a programmer, 3. Good Mathematics knowledge, 4. English Writing and speaking skill.
Kyungbaek Kim	+82-62-530-3438	kyungbaekkim@ju.ac.kr	College of Engineering	Dept. of AI Convergence	Software Defined Network/Infrastructure, Bigdata Platform (distributed data collecting/processing architecture), GRID/Cloud/network systems, Social networking system, AI applied Cyber Physical Systems, Blockchain and other issues of Distributed Systems area	\$1000/Month	\$1,200/Month	Assistantship varies, based on research performance	Good English Reading/Writing/Speaking Skill, Advanced Programming Skill (Java, C, C++, Python), Background of computer science (Basic Mathematics, OS, DB, Network, Security)
Jeong, Hyejong	+82-62-530-3427	h.jeong@chonnam.ac.kr	College of Engineering	Dept. of AI Convergence	Computer Vision, Human Pose, Data Analysis, SLAM, Robotics	\$700/Month-\$1,500/Month	\$1,000/Month-\$2,000/Month	(Business trip, Publication, etc) fee	Programmable
Lee, Jong-Uh	+82-62-530-1728	jongum@ju.ac.kr	College of Engineering	Energy & Resources Eng	Environmental Geochemistry or Geomicrobiology	over \$1,000/Month			Background of geochemistry
Changho Lee	+82-62-530-5433	changho@ju.ac.kr	College of Engineering	Dept. of Architecture and Civil Eng./Geotechnical Eng.	1. Dynamic behavior of geomaterials; 2. Geotechnical engineering in particle scale; 3. Geotechnical testings from Lab to Field	\$800/Month	\$1,000/Month	1. Chances to attend an international conference (trip fee with registration); 2. Financial support for a field trip; 3. Incentive according to research performances	B.S of Civil Eng.
Yoon, Hyeonseok	+82-62-530-1778	hyoon@ju.ac.kr	College of Engineering	Polymer Engineering	Functional nanomaterials. Visit the webpage --> http://unlab.ju.ac.kr		\$1,100/Month		Students for MS/PHD Integrated or PHD course
Chang-Mincheol	+82-62-530-1771	mchang35@ju.ac.kr	College of Engineering	Polymer Engineering	Organic Electronics, Sensors, Microfluidics, Batteries	\$800/Month	\$1,000/Month	Incentive for publishing paper	Good English writing skills
Lee Doogin	+82-62-530-1874	dlee@chonnam.ac.kr	College of Engineering	Polymer Engineering	Rheology, Microfluidics	\$1000/Month	\$1,500/Month	Tuition Fee	(High ranking) published papers
Hur, Su-Mi	+82-62-530-1772	shur@ju.ac.kr	College of Engineering	Polymer Engineering	Our group is conducting research to predict and describe the physical properties of several polymer systems, and to design new materials and systems tailored for cutting-edge technologies. For that purpose, we employ computational science tools, such as molecular simulation and machine learning techniques. In detail, our group is interested in developing and applying mesoscale simulation models and computational tools to investigate structural, thermodynamic, and dynamic phenomena in various soft matter systems, including but not limited to polymer melts, liquid crystalline polymers, networked polymers, amphiphilic polymers, polymer brushes etc. In addition, efforts are underway to combine artificial intelligence and data-based technologies, which have recently grown in interest, to develop novel polymer materials and systems.	\$1000 + alpha /Month	\$2000 + alpha /Month	incentive depending on performance	experience with programing would be highly appreciated but not mandatory
Yoo, Sunyong	+82-62-530-1761	syoo@ju.ac.kr	College of Engineering	ICT Convergence System Engineering	Bioinformatics, medical informatics, intelligent system	\$1500/Month	\$2,100/Month	Part of the tuition fee, paper publication fee, participation in international conferences	Programming skill (python), basic knowledge of artificial intelligence
Jinsul Kim	+82-62-530-1808	jsword@ju.ac.kr	College of Engineering	School of Electronics and Computer Eng.	- Next Generation Mobile Computing & Networking - AI, Cloud & Mobile computing and networks, Future Network & Mobile Platform, Fog Computing, Artificial Intelligence with CDN, NFV, SDN, MEC, MTC, etc. - Broadcasting & Telecommunication Convergence Media - Smart media processing, Resource management - QoS/QoE-aware Smart R. Social Media controls/measurement/analysis - Human-oriented IT convergence technologies - Smart work, Smart space, Smart city, Smart factory, etc.	over \$1000-\$1500/Month	over \$1,200-\$1,800/Month	Incentives for SCI paper publication, implementation, contribution for lab activity, etc. Support for travel to conferences	Must be good at software programming with Python, C, C++, C#, Java and/or Matlab (Others plus) -> Be able to communicate, read and write technical paper in English (Korean Plus) -> Enough knowledge of mathematics -> Must be dependable, reliable, and creative -> Prefer ones who apply for and will continue for Ph. D. course
Jihoon Kang	+82-61-659-7363	jihoon.kang@ju.ac.kr	College of Engineering(Yeosu Campus)	Biomedical Engineering / Medical Imaging System	Medical Imaging System	\$800/Month	\$1,300/Month	Research support	Bachelor's degree
Dowon Kim	+82-61-659-7364	dowonkim@ju.ac.kr	College of Engineering(Yeosu Campus)	Biomedical Engineering / Neuroengineering	Computational Neuroscience, Neurosignal analysis, Brain computer interface.	\$1000/month average (tuition fee incl.)	\$1500/month average (tuition fee incl.)	Allowance will change according to the students scholarship statement, \$5 for a SCJE journal article or a project report	Language: English or Korean, Prerequisite course: Digital Signal Processing, Pattern classification or Machine learning Programming skill: MATLAB or Python Teamplayer, Positive attitude
Youngjin Jung	+82-61-659-7366	yj@ju.ac.kr	College of Engineering(Yeosu Campus)	Biomedical Engineering / Neuroengineering	Artificial Intelligence, Medical Image Processing, Bio-signal processing, Rehabilitation Engineering	\$1000/month average (tuition fee incl.)	\$1500/month average (tuition fee incl.)	Allowance will change according to the students scholarship statement, \$5 for a SCJE journal article or a project report	Bachelor's Degree, Computer Language skill (MATLAB, Python, C++, etc.)
Jong-Taek Oh	+82-61-659-7273	ohjt@ju.ac.kr	College of Engineering(Yeosu Campus)	Refrigeration and Air-Conditioning Engineering	Heat Engineering in Mechanical Engineering/ Fields of Study: Boiling and Condensation Heat Transfer in Mini and Microchannels, Modification and Development of Heat Exchangers using Natural and Alternative Refrigerants, Heat Pump using New and Renewable Energy, Efficiency Modification in Refrigeration Plant and Cold Chain.	\$600-800/Month	\$1,000-1,200/Month	Our lab supports student's study with scholarship and all of research and living materials and conditions in lab. All of students have abroad tours they have presentation over one time in International Conference every year. If students are an excellent, Our lab will support much more for his study including scholarship.	TOEFL (IBT) 75 TOEIC 750 IELTS 6.5 AND OVER
Ilwoo Park	+82-62-220-5744	ipark@chonnam.edu	College of Engineering College of Medicine	Dept. of Artificial Intelligence Convergence, Dept. of Radiology	Machine/Deep learning application to medical imaging and medical data (MRI, CT, mammography, etc)	\$1000-1100/Month	\$1300-1400/Month	Incentives, Computer, Tuition	Good programming skills and English Communication
Kim, In Young	+82-62-530-3373	inyoungkim@ju.ac.kr	College of Natural Sciences	Chemistry/Organic Chemistry	Nanomaterials Science	400,000 KRW/Month (excl. tuition fee)	800,000 KRW/Month (excl. tuition fee)	Travel support for domestic/international conferences 2. PC for studying	1. 4 year Bachelor Degree in any branch of chemistry, chemical engineering, materials engineering and chemical education. 2. Fluent in communication and writing in either Korean or English
Eung-Sam Kim	+82-62-530-3416	eungsam.kim@ju.ac.kr Skype: eungsam.kim	College of Natural Sciences	Department of Biological Sciences and Biotechnology	1. Cellular mechanotransduction (or mechanobiology) in cancer cells and cardiomyocytes 2. Real-time cell imaging or single-molecule assays 3. Epigenetic reprogramming during stem cell differentiation 4. Biomimetics (or Bio-inspired designs)	\$800/Month (starting salary)	1,000/Month (starting salary)	1. Full financial support to attend domestic or international conferences when a perspective student submits higher own research results to an SCI/SSCI as the first author 2. Research assistantship 3. Bonus for paper publication depending on the student's contribution and journal quality 4. Supplying personal equipments for lab safety 5. Space and basic furnitures (including PCs) for his/her work at the lab 6. Opportunities to travel over Korea during the lab retreat 7. Promoting an annual salary up to +20% considering his/her research achievements (papers or patents)	1. Absolute non-smokers (don't, don't, and won't smoke) 2. Receiving BS or MS degrees in the field associated with molecular/cell biology, chemistry, or physical engineering at the time of application. 3. Applicant's age should be less than 30 at the time of application. 4. Fluency both in technical writing in English and in daily communications. 5. No data fabrication and daily lab-note recording. 6. Following the lab safety regulation, daily writing one's own lab-note, and keeping the deadline. 7. No conflict between the applicant's philosophy (or religion) and any research activities. 8. Open mind-set in sharing raw data, reference papers, and presentation materials with other lab members; Self-motivated with scientific curiosity. 9. Keeping one's lab place and lab benches (i.e. work space) clean and organized.
CHANG, Tae Soo	+82-62-530-3453	taesoo20@ju.ac.kr	College of Natural Sciences	Department of Geological Sciences	Marine and Coastal Geology	\$800/Month	\$1,500/Month		
Kim, Kyung hak	+82-62-530-2693	khkim@ju.ac.kr	College of Social Sciences	Global Diaspora Studies	Global Diaspora and Migration	\$600/Month	\$1,100/Month		TOPIK <level 3> or higher
Changho Lee	+82-61-379-2885	ch31037@ju.ac.kr	Medical School	Nuclear Medicine	Biomedical Imaging	\$1000-\$1100/Month	\$1300-\$1400/Month	Incentives for Paper Publish	Fluent English Speaking/Writing
Yoon Namsik	+82-62-220-6272	yoonsamsik@gmail.com	Medical School	Internal Medicine/Cardiology	Experimental Electrophysiology	\$500/Month	\$1,000/Month	Guest house, if available	BS or MS or MD
Kwak Sanghyun	+82-62-220-6895	shkwak@ju.ac.kr	Medical School	Anesthesiology / Critical Care Medicine	Critical Care Medicine/Sepsis	\$500/Month	\$1,000/Month		incentives depending on research fund
Lee Seung-Rock	+82-61-379-2775	leesr@ju.ac.kr	Medical School	Biochemistry	Redox Biology	\$1,000/Month	\$1,300/Month	\$500/year	Vietnam
Hong Yeongjin	+82-61-379-2746	yehong@chonnam.ac.kr	Medical School	Microbiology/Molecular biology	Antibody mimetics-Monobody	\$1,000/Month	\$1,500/Month	Housing	
Tae-Young Jung	+82-61-379-7666	jung_ty@chonnam.ac.kr	Medical School	Department of Neurosurgery/Brain tumor	Immunotherapy for malignant brain tumor	\$1,100/Month	\$1,600/Month	meals provided, incentive for published article	Sincerity, Diligence
Yoonjoo Choi	+82-61-379-8477	yoonyoo.choi@ju.ac.kr	Medical School	MRC	Immunoinformatics	\$ 1,265/Month	\$1,685/Month	Laptop, scholarship	Experiences in computer languages
Ryu, Ja-Hwang	+82-62-530-4863	jesryu@ju.ac.kr	School of Dentistry	Pharmacology	Hard-tissue disease (inflammation)	ex) \$1,100/Month	ex) \$1,300/Month	Conference attendance	
Lee, Tae-Hoon	+82-62-530-4842	thlee83@ju.ac.kr	School of Dentistry	Oral biochemistry	drug discovery, Anti-Periodontitis, Anti-Osteoporosis	1,300,000 KRW/month	1,400,000 KRW/month	by University scholarship	Preferred for taking biochemistry lectures