

2021-6th Researcher Recruitment for College of Natural Sciences

I Candidates and Eligibility

No.	Position/Research field	Expected number of people	Main Task, Eligibility and preferences
MH-6-1	Post-Doctoral Researcher Mathematics (Pl. Yunho Kim)	1	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project including research paper writing ○ Lab research activities - Scheduling of and participating in lab research meetings and seminars - Monitoring and reporting research activities of lab graduate students <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) ○ Expertise related to any of the following areas: Analysis, PDEs Optimization/Numerical Methods <p>[Preferential]</p> <ul style="list-style-type: none"> ○ Programming experience in Machine Learning or Image Processing ○ At least 1 published (or accepted for publication) SCI(E) paper within recent three years
MH-6-2	Post-Doctoral Researcher Mathematics (Pl. Bongsoo Jang)	2	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project including research paper writing and numerical simulation ○ Lab research activities - Scheduling of and participating in lab research meetings and seminars - Monitoring and reporting research activities of lab graduate students <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) ○ Expertise related to any of the following areas: Scientific Computation, Numerical Analysis, Dynamics, Machine Learning <p>[Preferential]</p> <ul style="list-style-type: none"> ○ At least 1 published (or accepted for publication) SCI(E) paper within recent three years for the scientific computation research in the fractional systems.
GM-6-1	Post-Doctoral Researcher -Gas phase spectroscopy or atomic and molecular physics (Pl. Bum Suk Zhao)	1	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research projects on manipulating molecules using optical standing waves and grazing incidence matter wave optics (controlling molecular motions with molecule-field or molecule-su

			<p>face interactions)</p> <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) ○ must have more than 2 SCI publications in relevant fields in the last five years <p>[Preferences]</p> <ul style="list-style-type: none"> ○ Related research experience
CHM6-3	<p>Post-Doctoral Researcher 2D materials (Pl. Hyeon Suk Shin)</p>	1	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project - Scanning tunneling microscopy (STM) Analysis for atomic structure of 2D materials - Vapor deposition of 2D materials in ultra-high vacuum <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) <p>[Preferential]</p> <ul style="list-style-type: none"> ○ Preferential treatment for experienced researchers ○ more than 1 SCI(E) papers within recent three years ○ Preferential for those who can speak English
CHM6-4	<p>Post-Doctoral Researcher Computational chemistry (Pl. Geunsik Lee)</p>	3	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project - Computational research of perovskite interface electronic structure - machine learning molecular dynamics packange development <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) <p>[Preferential]</p> <ul style="list-style-type: none"> ○ Preferential treatment for experienced researchers ○ more than 1 SCI(E) papers within recent three years or equivalent research results ○ Preferential for those who can speak English

※ Notice

- 1) Applicants can apply to only one field
- 2) Career or qualifications in each fields' requirement or preferred conditions must be supported with proofs such as certificates. In case submitted proofs are confirmed as false documents, acceptance can be cancelled.
- 3) The criteria for accreditation of official English grades are limited to those published within 2 years of the application deadline
- 4) In the absence of suitable candidates, nobody can be selected.
- 5) There might be primary candidates, so they can be hired with rankings among them in cases such as one of them gives up on the recruitment or there being vacancy in the same field within 6 months.
- 6) UNIST discloses the number of relatives hired according to the government's recruitment system for public institutions.

II

Contract

No	Position	Principal Investigator	Term	Working hours	Monthly pay (Pre-tax basis)	working place
MTH-6-1	Post-Doctoral Researcher	Yunho Kim	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩4,000,000	Bldg. 108 UNIST
MTH-6-2	Post-Doctoral Researcher	Bongsoo Jang	2021.08.01. ~ 2022.07.31.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩2,500,000 (Negotiable)	Bldg. 108 UNIST
CHM-6-1	Post-Doctoral Researcher	Bum Suk Zhao	2021.08.01. ~ 2022.07.31.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 103 UNIST
CHM-6-3	Post-Doctoral Researcher	Hyeon Suk Shin	2021.09.01. ~ 2022.02.28.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 101 UNIST
CHM-6-4	Post-Doctoral Researcher	Geunsik Lee	2021.08.01. ~ 2022.07.31.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 108 UNIST

- 1) Researchers are contracted for up to one year and can be re-signed through evaluation.
- 2) The place of work may be changed depending on internal circumstances
- 3) Salary can be changed depending on experiences in the field through discussi on Extra payment may occur
- 4) Detail of contract can be revised by mutual consent with the Research PI.

III

Document Submission and Screening

○ Recruitment notice and documents submission period

- From 15 June, 2021 to 30 June, 2021 @ 24:00
- Only applications that arrived during the period are Valid.

○ Document Submission: Recruiter [E-mail\(mp3to@unist.ac.kr\)](mailto:mp3to@unist.ac.kr)

※ How to apply

- The submitted documents are converted into one PDF file (after scanning) and sent by e-mail.
- Subject: 「Position-Recruitment Area: OOO(Applicant name)」
- Note: Applications should be received by 24:00 on the due date(Korean Time)

○ Documents to be submitted

Position	Submission documents	Remarks
Post-doc researcher	1) Applicant Form 2) Self introduction 3) Agreement to provide personal information to third parties	- Required documents - Refer to attachment

- ※ When filling out the application form, the relevant documents must be prepared in advance. Successful applicants will be canceled due to erroneous input All responsibility for harm lies with the applicant

- ※ According to blind employment, there is to be no submission of photograph, school name, name of advisor, credit, family, relationship, family name, date of birth, and physical condition.

○ Screening & Other Information

Screening Stage	how to select
Document Screening	Evaluate the suitability of recruitment area, select 5 times the number of candidates that the opening in order of the highest total score. ※ Evaluation Standard(Score) - Post-Doctoral: Self instruction(50), Job competencies(50)
Interview Screening	Evaluation of research performance and specialties and job performance ability in recruitment area ※ Evaluation Standard(Score) - Post-Doctoral: Job competencies(30), Development potential(30), Suitability for UNIST(20), Basic ability(20)

○ Final appointment

- Under article 33 of the National Civil Service Act regarding the disqualification conditions of the appointment of national civil services, successful candidates who are applicable of the disqualification conditions or failed in physical examination will be excluded from appointment.
- Persons whose identity has been identified as a result of an inquiry and a survey of candidates for recruitment(final interview candidates) in accordance with the original rules may be canceled through discussion.
- If a person is found to have a final appointment and has been found to have submitted false information, application forgery, or fraudulent employment, the appointment may be canceled as per Article 33 of the Civil Service Act.
- If an unsuccessful candidate wishes to retrieve one's application document, request can be made within 2 weeks of announcement

IV Recruitment Schedule

Step	Schedule	Remarks
Application Period	2021.06.15. ~ 2021.06.30.	~24:00 on 2021.06.30.
Documents review	2021.07.01. ~ 2021.07.09.	Announcement of successful candidates: 2021.07.09.
Interview	2021.07.12. ~ 2021.07.21.	Announcement of successful candidates: 2021.07.21.
Appointment	2021.08.~	

※ Schedules are subject to change.



Contact

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