

# 2021-5th Researcher Recruitment for College of Natural Sciences

## I Candidates and Eligibility

No.	Position/Research field	Expected number of people	Main Task, Eligibility and preferences
MH5-1	Post-Doctoral Researcher Mathematicsl Sciences <b>(Pl. Hae-Sang Sun)</b>	1	<p><b>[main task]</b></p> <ul style="list-style-type: none"> <li>○ Perform your own research</li> <li>○ Collaborate with Hae-sang Sun, Jaehyun Cho, Chol Park</li> <li>○ Help organizing Seminars and Conferences</li> </ul> <p><b>[Eligibility]</b></p> <ul style="list-style-type: none"> <li>○ Must possess Ph.D. in Math before the starting date.</li> </ul> <p><b>[Preferences]</b></p> <ul style="list-style-type: none"> <li>○ Strong background in Number Theory or related fields (Algebraic geometry, Representations Theory, Harmonic Analysis)</li> <li>○ more than 1 SCI(E) papers within recent 6 years</li> </ul>
MH5-2	Post-Doctoral Researcher Astrophysics <b>(Pl. Yunho Kim)</b>	1	<p><b>[main task]</b></p> <ul style="list-style-type: none"> <li>○ Perform research project including research paper writing</li> <li>○ Lab research activities               <ul style="list-style-type: none"> <li>- Scheduling of and participating in lab research meetings and seminars</li> <li>- Monitoring and reporting research activities of lab graduate students</li> </ul> </li> </ul> <p><b>[Eligibility]</b></p> <ul style="list-style-type: none"> <li>○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date)</li> <li>○ Expertise related to any of the following areas: Analysis, PDEs Optimization/Numerical Methods</li> </ul> <p><b>[Preferential]</b></p> <ul style="list-style-type: none"> <li>○ Programming experience in Machine Learning or Image Processing</li> <li>○ At least 1 published (or accepted for publication) SCI(E) paper within recent three years</li> </ul>
GM5-1	Post-Doctoral Researcher -Gas phase spectroscopy or atomic and molecular phycis <b>(Pl. Bum Suk Zhao)</b>	1	<p><b>[main task]</b></p> <ul style="list-style-type: none"> <li>○ 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 face interactions)</li> </ul> <p><b>[Eligibility]</b></p> <ul style="list-style-type: none"> <li>○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date)</li> <li>○ must have more than 2 SQ publications in relevant fields in the last five years</li> </ul> <p><b>[Preferences]</b></p> <ul style="list-style-type: none"> <li>○ Related research experience</li> </ul>

## ※ 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
MIH-5-1	Post-Doctoral Researcher	Hae-Sang Sun	2021.07.01. ~ 2022.06.30.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩4,150,000	Bldg. 108 UNIST
MIH-5-2	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
CHM-5-1	Post-Doctoral Researcher	Bum Suk Zhao	2021.07.01. ~ 2022.06.30.	- The five day Week - Working Hour 09:00~18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 103 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 discussion. 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 14 May, 2021 to 31 May, 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)

○ **Selection: Document Screening, Interview**

- Job candidates are selected within the scope of the number of applicants in the order of the high score of the interview.
- If there is no qualified person, the original number of candidates may be reduced or not selected
- Those who are eligible for work protection are given additional points according to related laws(5% or 10% of the perfect scores by stage)
- Additional points are granted to the disabled in order to promote employment of persons with disabilities(5% of perfect scores by stage)
- Criteria for Handling Successful Candidates by ties
  - In case of tie each stage of the selection, (priority) veterans, (priority) persons with disabilities, (Priority 3) High school graduates, (Priority 4) Non- metropolitan area talents, (Priority 5) Higher English test scores (Priority 6)
- ※ If there is no qualified person, applicants may not be selected.

○ **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	2021.05.14. ~ 2021.05.31.	~24:00 on 2021.05.31.
Documents review	2021.06.01. ~ 2021.06.08.	Announcement of successful candidates: 2021.06.08.
Interview	2021.06.09. ~ 2021.06.18.	Announcement of successful candidates: 2021.06.18.
Appointment	2021.07.~	

※ Schedules are subject to change.

## V Contact

○ Ulsan Institute of Science and Technology (UNIST)

- Academic & Students Affairs Team, College of Natural Sciences

(☎ : +82-52-217-1884, e-mail : mp3to@unist.ac.kr)

- Address: No. 50, 108-dong 701-12, Unist-gil, Eonyang-eup, Ulju-gun, Ulsan