

2021-7th Researcher Recruitment for College of Natural Sciences

I Candidates and Eligibility

No.	Position/Research field	Expected number of people	Main Task, Eligibility and preferences
GHM7-1	Post-Doctoral Researcher -Gas phase spectroscopy or atomic and molecular physics (PI. BumSuk 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-surface interactions) <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
GHM7-3	Post-Doctoral Researcher -Chemistry (PI. MyoungSoo Lah)	1	<p>[main task]</p> <ul style="list-style-type: none"> Perform research project <ul style="list-style-type: none"> Synthesis of metal-organic framework (MOF) Investigation of MOF as energy-storage material and catalyst <p>[Eligibility]</p> <ul style="list-style-type: none"> Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) <p>[Preferences]</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
GHM7-4	Post-Doctoral Researcher -Synthetic Organic Chemistry (PI. SungYou Hong)	2	<p>[main task]</p> <ul style="list-style-type: none"> Perform research project <ul style="list-style-type: none"> synthetic organic chemistry catalytic reactions <p>[Eligibility]</p> <ul style="list-style-type: none"> Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) <p>[Preferences]</p> <ul style="list-style-type: none"> Preferential treatment for experienced researchers 2 or more SCI(E) papers Preferential for those who can speak English
GHM7-5	Post-Doctoral Researcher -Chemical Biology (PI. Tae-Hyuk Kwon)	1	<p>[main task]</p> <ul style="list-style-type: none"> Perform research project <ul style="list-style-type: none"> Development of proteomic methods Developing photo-crosslinking reagents

			<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
GHM-7-6	Post-Doctoral Researcher -Computational (PI. Geunsik Lee)	1	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project <ul style="list-style-type: none"> - machine learning molecular dynamics of energy materials <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
GHM-7-7	Post-Doctoral Researcher -Department of Chemistry (PI. Ja-Hyoung Ryu)	1	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project <ul style="list-style-type: none"> - Synthesis and characterization of intracellular self-assembly available molecules - Cytotoxicity assessment <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until the appointment date) <p>[Preferences]</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
PHY-7-1	Fusion Plasma physics/engineering research (PI. Yongkyoon In)	1	<p>[main task]</p> <ul style="list-style-type: none"> ○ Fusion plasma physics/engineering research ○ Upgrade of electron cyclotron emission imaging (ECEI) diagnostics in KSTAR ○ High magnetic field magnet/fusion reactor design/simulation studies <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ must possess Ph.D. degree in Physics or Engineering (related to fusion plasmas)/ (including a candidate whose PhD degree is to be awarded before the start of fall semester 2021) <p>[Preferences]</p> <ul style="list-style-type: none"> ○ Experienced researchers ○ more than 1 SCI(E) papers within the latest three years ○ Fluent speaking and writing skills in English
PHY-7-2	Astronomy (PI. Dongsu Ryu)	2	<p>[main task]</p> <ul style="list-style-type: none"> ○ Perform research project <ul style="list-style-type: none"> - numerical simulations of astrophysical turbulence - Radio observations <p>[Eligibility]</p> <ul style="list-style-type: none"> ○ Ph.D. Degree (holders or prospective doctoral candidates until

			the appointment date) [Preferences] <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
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※ 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 with in 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
GHM-7-1	Post-Doctoral Researcher	Bum Suk Zhao	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 103 UNST
GHM-7-3	Post-Doctoral Researcher	MyungSu Lah	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩2,250,000	Bldg. 108 UNST
GHM-7-4	Post-Doctoral Researcher	SungYou Hong	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩2,300,000	Bldg. 108 UNST
GHM-7-5	Post-Doctoral Researcher	Tae-Hyuk Kwon	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 108 UNST
GHM-7-6	Post-Doctoral Researcher	Geunsik Lee	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩2,500,000	Bldg. 108 UNST
GHM-7-7	Post-Doctoral Researcher	Ja-Hyung Ryu	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩2,080,000	Bldg. 108 UNST
PHY-7-1	Post-Doctoral Researcher	Yongkyoon In	2021.09.01. ~ 2022.03.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩4,530,000	Bldg. 108 UNST
PHY-7-2	Post-Doctoral Researcher	Dongsu Ryu	2021.09.01. ~ 2022.08.31.	- The five day Week - Working Hour 09:00-18:00 - Recess 12:00 ~ 13:00	₩3,300,000	Bldg, 108 UNIST, ChungNam Nat. Univ.

- 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.

- Recruitment notice and documents submission period
 - From 09 July, 2021 to 26 July, 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	2021.07.09. ~ 2021.07.26.	~24:00 on 2021.07.26.
Documents review	2021.07.27. ~ 2021.08.06.	Announcement of successful candidates: 2021.08.06.
Interview	2021.08.09. ~ 2021.08.20.	Announcement of successful candidates: 2021.08.20.
Appointment	2021.09.~	

※ 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