

2020-2nd Researcher Recruitment for College of Natural Science

I Recruitment Details

No.	Position/Research field	Expected number of people	Main Task, Eligibility and preferences
PHY-8-1	Researcher - Nano optics (PI. Daisik Kim)	1	<p>[main task] -Nano gap fabrication and experimental assistance -Terahertz wave optical experiment and experimental assistant</p> <p>[Eligibility] -Bachelor's Degree (Physics) -Those who have no reason for disqualification for overseas travel</p> <p>[Preferential] -Experience in data statistics analysis is preferred -Experience in creating figures using graphic programs is preferred -Fluent English Speakers</p>
PHY-8-2	Post-Doctoral Researcher a. Research topics: (1) Tidal disruption events (2) Interaction between gas (and/or stars) and binary black holes b. Research field: (1) High energy astrophysics (2) Computational astrophysics (PI. Dongsu Ryu)	1	<p>[main task] -Perform research project</p> <p>[Eligibility] -Must possess Ph.D. degree in astronomy and astrophysics field -Must have more than 3 publications (SCI papers) in last 5 years</p> <p>[Preferential] -Related research experience</p>
CHM8-1	Post-Doctoral Researcher - Organic synthesis (PI. Cheol-Min Park)	1	<p>[main task] -Perform drug discovery research project -Daily operation of synthesis of organic compounds</p> <p>[Eligibility] -must possess Ph.D. degree in organic synthesis field -must have more than 5 SCI publications in last 5 years</p> <p>[Preferential] -Related research experience -Fluent English Speakers, also with very good writing skills</p>
CHM8-2	Post-Doctoral Researcher -Organic&Bioorganic Chemistry (PI. Ja Hyoung Ryu)	1	<p>[main task] -Perform Organic or Bioorganic Chemistry research Project</p> <p>[Eligibility] -must possess Ph.D. degree in Organic Chemistry or Bioorganic Chemistry field -must have more than 3 publications in last 5 years</p> <p>[Preferential] -Related research experience</p>

G-M8-3	Post-Doctoral Researcher -Gas phase spectroscopy or atomic and molecular physics (PI. Bum Suk Zhao)	2	[main task] -Perform research projects on manipulating molecules using Optical standing waves and grazing incidence matter-wave optics [Eligibility] -An applicant should have a doctoral degree -must have more than 2 SCI publications in last 5 year [Preferential] -Related research experience
G-M8-4	Researcher - Development of Solar-flow monolithic power system (PI. Tae-Hyuk Kwon)	1	[main task] -Fabrication of Solar-Flow Monolithic Devices and analysis of their properties [Eligibility] - Bachelor or Master Degree [Preferential] -Related research experience: Development of Dye-sensitized solar cells -Fluent English Speakers, with good writing skills
G-M8-5	Researcher Perform research project (PI. Myoung Soo Lah)	3	[main task] -Perform research project [Eligibility] -Bachelor or Master Degree [Preferential] -Related research experience

※ **Note**

- 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	working place
PHY-8-1	Researcher	Daisik Kim	2020.12.16. ~ 2021.08.15.	-The five-day Week -Working Hour 09:00~14:00 -Recess 12:00 ~ 13:00	₩1,100,000	Bldg. 108 UNIST
PHY-8-2	Post-Doctoral Researcher	Dongsu Ryu	2021.01.01. ~ 2021.12.31.	-The five-day Week -Working Hour 09:00~18:00 -Recess 12:00 ~ 13:00	₩3,300,000	Chungbuk National University (Lab of Prof. Kimitake Hayasaki)
CHM-8-1	Post-Doctoral Researcher	Cheol-Min Park	2020.12.16. ~ 2021.12.15.	-The five-day Week -Working Hour 09:00~18:00 -Recess 12:00 ~ 13:00	₩2,200,000	Bldg. 108 UNIST
CHM-8-2	Post-Doctoral Researcher	Ja Hyoung Ryu	2020.12.16. ~ 2021.12.15.	-The five-day Week -Working Hour 09:00~18:00 -Recess 12:00 ~ 13:00	₩2,400,000	Bldg. 108 UNIST
CHM-8-3	Post-Doctoral Researcher	Bum Suk Zhao	2020.12.16. ~ 2021.12.15.	-The five-day Week -Working Hour 09:00~18:00 -Recess 12:00 ~ 13:00	₩4,000,000	Bldg. 103 UNIST
CHM-8-4	Researcher	Tae-Hyuk Kwon	2021.01.01. ~ 2021.12.15.	-The five-day Week -Working Hour 09:00~18:00 -Recess 12:00 ~ 13:00	₩2,700,000	Bldg. 108 UNIST
CHM-8-5	Researcher	Myoung Soo Lah	2021.01.01. ~ 2021.08.31.	-The five-day Week -Working Hour 09:00~18:00 -Recess 12:00 ~ 13:00	₩1,830,000	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 discussion. Extra payment may occur
- 4) Detail of contract can be revised by mutual consent with the Research PI.

III

Reasons for Exclusion, Restriction of Support Age, and Others

○ Exclusion

- Eligible physical examination or reasons for disqualification of employment under Article 33 of the National Civil Service Act. Those who have been rejected as a result are 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 be false, application forgery, or fraudulent employment is found, the appointment may be canceled if a reason for disqualification under Article 33 of the Civil Service is found.

○ No age limit

○ Other

- Inclusion of personal information such as the name of schools applicants attended and family relationship, etc. in the Application Form (including The Self Introduction) is prohibited because it may lead to bias.

- In case of the disabled, additional points are granted to promote employment of persons with disabilities (5% of perfect scores by stage)
- You must be able to work immediately after appointment.

IV Application Method & Period

○ How to Apply

- Fill out the prescribed form and submit the scanned copy(PDF) via e-mail.
- E-mail: mp3to@unist.ac.kr
- Documents to be submitted:

1) Attached application form, Self Introduction, Agreement to provide personal information to third parties

○ Application Period

- From 28 October, 2020 to 12 November, 2020 @ 24:00
- Only applications that arrived during the period are Valid.

○ Screening & Other Information

Screening Stage	how to select
Document Screening	Evaluate the suitability of recruitment area, select 3 times the number of candidates that the opening in order of the highest total score. ※Evaluation Standard(Score) - Researcher: Self instruction(90), Language Skill(10) - 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) - Researcher: Job competencies(30), Development potential(30), Suitability for UNIST(20), Basic ability(20) - Post-Doctoral: Job competencies(30), Development potential(30), Suitability for UNIST(20), Basic ability(20)

○ Recruitment candidates

- 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 as a result of the interview, the original number of candidates may be reduced or not selected.

- Criteria for Handling Successful Candidates by Ties
 - . In case of tie in 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

- If there are no special matters after conducting an identity check and hiring examination for public officials, candidates will be finally hired.
- The appointment can be canceled if false facts are found in the documents submitted after the final appointment has been confirmed and appointed, or if the reason for disqualification under Article 33 of the National Civil Service Act is found.
- Failures can require the documents submitted to be returned within 2 weeks after the final notice.

V Recruitment Schedule

○ Schedule (※There may be some changes to the schedule.)

- Application Submission : 28 October to 12 November, 2020 @ 24:00
- Document Screening: ~17 November, 2020
- Announcement of successful applicants : 20 November, 2020
- Interview : 23 November to 27 November, 2020
- Appointment: After 16 December, 2020

VI Contact

○ Ulsan Institute of Science and Technology(UNIST)

- Academic & Students Affairs Team, College of Natural Science

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

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