

Recruitment for School of Natural Science Researcher

I Recruitment Details

No.	Position/Research field	No. of opening	Responsibility / Eligibility & Preference
PHY-6-1	Postdoctoral Position - nano fab., optics	1	<p>[Responsibility] -nanogap fabrication and nanogap-based applications</p> <p>[Eligibility] - must possess Ph.D. degree in physics, nanoscience field -must have more than 3 publications in last 5 years</p> <p>[Preference] - Related research experience - Fluent English Speakers, also with very good writing skills</p> <p>[Contract period] 2020.10.01 ~ 2021.09.30.(1 years)</p> <p>[Work hours] 5 days a week (Mon-Fri), 8 hours a day (9am~6pm)</p> <p>[Working Place] 108-607 Lab.</p>
PHY-6-2	Postdoctoral 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	1	<p>[Responsibility] -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>[Preference] -Related research experience</p> <p>[Contract period] 2020.10.01 ~ 2021.09.30.(1 year)</p> <p>[Working hours] 5 days a week (Mon-Fri), 8 hours a day (9am~6pm)</p> <p>[Working Place] Chungbuk National University (Lab of Prof. Kimitake Hayasaki)</p>
PHY-6-3	Researcher - Postdoctoral Position in Fusion Plasmas Physics	1	<p>[Eligibility] - must possess Ph.D. degree in Physics or Nuclear Engineering/ (including a candidate whose PhD degree is to be awarded before the start of fall</p>

			<p>semester 2020)</p> <p>[Main task] - Fusion plasma physics research (related to MHD)</p> <p>[Preferential] - Related research experience</p> <p>[Contract period] 2020.10.16 ~ 2021.10.15.(1 year)</p> <p>[Working hours] 5 days a week (Mon-Fri), 8 hours a day (9am~6pm)</p> <p>[Working Place] Rm. 513, 510. Bldg. 108</p>
PHY-6-4	<p>Researcher - Microbiology, Experimental Statistical Physics</p>	1	<p>[Responsibility] - More than one of the following jobs - Growing microbes and optically observing provided microbes - Designing/Conducting statistical physics experiments with microbes - Statistical physics-analysis of experimental data</p> <p>[Eligibility] - Must possess Bachelor, Master, or PhD degree regardless of fields. In the case of BA degree, must possess more than 2 years of experience in experiments</p> <p>[Preference] - Preference to applicants who possess MA/PhD degree regardless of fields - Preference to applicants with experience in experiments with microbes and optical microscopy - Fluent English Speakers, also with very good writing skills</p> <p>[Contract period] 2020.10.16 ~ 2021.10.15 (1 years), Contract is renewable and adjustable.</p> <p>[Work hours] 5 days a week (Mon-Fri), 8 hours a day (9am~6pm) If necessary, the work hours can be adjusted.</p> <p>[Working Place] UNIST Building#108, Room#505</p>
MTH-6-1	<p>Postdoctoral Position - Numerical Analysis and Partial Differential Equations</p>	1	<p>[Responsibility] - research project</p> <p>[Eligibility] - must possess Ph.D. degree in the field of PDEs</p> <p>[Preference] - Related research experience</p>

			<p>- Fluent English Speakers, also with very good writing skills</p> <p>[Contract period] 2020.10.16 ~ 2020.12.15.(0 years 2 months)</p> <p>[Work hours] 5 days a week (Mon-Fri), 8 hours a day (9am~6pm)</p> <p>[Working Place]: Bldg. 108 Rm.301-2</p>
CHM-6-1	Postdoctoral Position -Organic&Bioorganic Chemistry	3	<p>[Responsibility] - 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>[Preference] - Related research experience - Fluent English Speakers, also with very good writing skills</p> <p>[Contract period] 2020.10.01 ~ 2021.09.30.(1 year)</p> <p>[Work hours] 5 days a week (Mon-Fri), 8 hours a day (9am~6pm)</p> <p>[Working Place] Bldg 108, Lab 904</p>
CHM-6-2	Postdoctoral Researcher -Gas phase spectroscopy or atomic and molecular physcis	2	<p>[Responsibility] -Perform research projects on manipulating molecules using optical standing waves and grazing incidence matter-wave optics</p> <p>[Eligibility] -An applicant should have a doctoral degree -An applicant should have at least 3 SCI published papers relevant</p> <p>[Contract] -2020.10.01 ~ 2021.09.30.(1 year) (can be extended)</p> <p>[Working hours] -5 days a week (Mon-Fri), 8 hours a day (9am~6pm)</p> <p>[Working Place] Bldg. 103, Rm. 401-2</p>

※ **Note**

- 1) Contract is initially for 1 year but can be extended, depending on job performances and continuation of the funding
- 2) In the absence of suitable candidates, nobody can be selected.
- 3) Candidates can be selected as candidates for employment, and candidates can be hired according to the candidates' rankings if the candidates for recruitment are found out or there are vacancies in the same field within six months of appointment.

II 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) - Self instruction(40), Related work Experience(50), Language Skill(10)
Interview Screening	Evaluation of research performance and specialties and job performance ability in recruitment area ※Evaluation Standard(Score) - Job competencies(50), Development potential(30), Suitability for UNIST(10), Basic ability(10)

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: SNS_recruit@unist.ac.kr
- Documents to be submitted:
 - 1) Attached application form** (including application, self-introduction letter, Agreement to provide personal information to third parties)

○ Application Period

- From 29 August, 2020 to 13 September, 2020 15:00 GMT +09:00 (KST)
- Only applications that arrived during the period are Valid.

○ 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.

V Recruitment Schedule

- Schedule (※There may be some changes to the schedule.)
 - Application Submission : 29 August to 13 September, 2020 15:00 GMT +09:00 (KST)
 - Document Screening: ~18 September, 2020
 - Announcement of successful applicants : 21 September, 2020
 - Interview : 23 September to 25 September, 2020
 - Appointment: After 1 October, 2020

VI Contact

- Ulsan Institute of Science and Technology (UNIST) School Natural Science administration office.
 - Tel: +82-52-217-3602, SNS_recruit@unist.ac.kr
 - Address: No. 50, 108-dong 701-12, Unist-gil, Eonyang-eup, Ulju-gun, Ulsan