

2020-01 Recruitment Announcement for Research Positions at the IBS Center for Multidimensional Carbon Materials (Revised)

Research Fellow (non-tenure track) Position at the IBS Center for Multidimensional Carbon Materials

The Institute for Basic Science (IBS) is a national research institute established in accordance with Article 14 of the “Special Act on Establishment of and Support for International Science and Business Belts”. IBS aims to discover creative knowledge and secure original technologies through world-class basic science research. The IBS Center for Multidimensional Carbon Materials invites creative and dynamic candidates who will help us to achieve our goals.

□ Recruitment Details

Center (Workplace)	Work Category	Area	Required Qualifications	No. of Openings
Center for Multidimensional Carbon Materials (UNIST, Ulsan)	Research Fellow (Non-tenure track)	-Advanced Transmission Electron Microscopy, 2D Materials	- Degree: Doctoral Degree - Major: Materials Science and Engineering - Preference: Experience in aberration-corrected TEM (FEI Titan) for 2D materials; previous doctoral experience for HRTEM, HRSTEM, EELS, EDS, DF imaging, diffraction, and simulation is highly desired ※ Please refer to the below for the detailed required qualifications	3

※ We seek candidates for a non-tenure track position that tackles outstanding challenges at the advanced transmission electron microscopy and two-dimensional materials science. The position will entail the characterization of novel 2D materials and related carbon materials. As such, the candidate should have deep experience with: (1) a broad range of aberration-corrected TEM and STEM (FEI Titan operation), (2) atomic resolution HRTEM and HRSTEM imaging at low kV; (3) EELS and EDS, (4) TEM and STEM image simulation, and (5) relevant 2D materials synthesis, manipulation, and transfer, (6) in situ TEM work experience, and (7) Raman spectroscopy, PL, AFM, and device fabrication experience. Ideal candidates will (1) be fluent in English, (2) have multiple years of experience working, (3) have experience working in publication, (4) exhibit a strong motivation to work on projects rooted in the characterization of new 2D materials and novel carbon materials with TEM, and (5) be expected to mentor junior team members.

▶ Non-tenure track: not eligible for a tenure review, employment ends with the expiration of the employment contract. Employment term is under maximum five years.

□ Qualifications

[General Qualifications]

- Those who are qualified under the “State Public Officials Act” (Refer to the disqualifying factors listed in Article 33.)
- Those who completed mandatory military service or exempt from such service, and permitted to travel abroad

[Preferences]

- Additional points for those who submit supporting documents proving they are persons with disabilities or eligibility for patriot & veteran benefits under relevant laws and decrees
- Female scientists and engineers
- Degrees and certificates in relevant areas
- Fluency in foreign languages

Candidate Screening

Candidate Screening Method		Review Criteria	Required Documents
Combined	Document Screening	<ul style="list-style-type: none"> - Relevancy to the recruitment area - Excellence of research achievements - Full transcripts of university and higher education - Development potential 	<ul style="list-style-type: none"> - Application form - CV and list of research achievements - Graduation certificate of your highest academic degree or diploma
	Interview	<ul style="list-style-type: none"> - Expertise in the recruitment area - Attitudes and adaptability to organizational culture - Presentation skills and diligence - Development potential 	<ul style="list-style-type: none"> - Full transcripts of the completed curricula equivalent to college or higher - Consent form

▶ Candidates who receive a minimum average point of 80 points or more, the point drawn from all members of the review panel, will be considered for screening stages.

Application Submission and Period

- Application Submission: Submit required documents stated above via e-mail (inelee@ibs.re.kr)
- Period: February 21 (Fri), 2020 - 23:00 (KST) March 6 (Fri), 2020

Additional Information

- Applicants take full responsibility for any consequences resulting from omissions and errors found in submitted documents, not submitting required documents, etc. If any information is proven false, the job offer will be withdrawn.

- If selected candidates are disqualified through a background check or a recruitment-related physical examination, the job offer will be withdrawn.
- If selected candidates are found dismissed according to the Article 82 of the Act on the Prevention of Corruption and the Establishment and Management of the Anti-Corruption and Civil Rights Commission, the appointment will be withdrawn.
- Submitted documents may be returned when such requests are made within three months from the announcement of recruitment results according to the Article 4 of the Enforcement Decree of the Fair Hiring Procedure Act.
- No candidates may be hired if all candidates are found unsuitable during the screening stages.
- If hired, the work level, annual salary, etc. will comply with IBS standards.
- Expected date of appointment is after April 16, 2020. (This may subject to change)
- This recruitment announcement has been revised to state the successful screening point, which already planned in the recruitment planning stage.
- Workplace: IBS Center for Multidimensional Carbon Materials, Ulsan
- Inquiries: Responsible staff at the IBS Center for Multidimensional Carbon Materials
(Tel.: 052-217-5756; fax: 052-217-5759; e-mail: inelee@ibs.re.kr)