



## **JOB VACANCY ANNOUNCEMENT**

Babes-Bolyai University seeks to fill **the position** of RESEARCH ASSISTANT, vacant within the project „The usage of composite materials with graphene oxide for improving the performance of building and installation elements against fire action in order to ensure the protection of life in case of fire (Graphene4life)”, project number 38PCCDI/2018, code: PN-III-P1-1.2-PCCDI-2017-0350, on a fixed-term contract (established according to the funding of the project), full time, until the 31<sup>st</sup> of August 2022.

### **Required qualifications for applicants:**

- PhD student/doctor in Physics or Chemistry
- fulfilling the standards provided in the Competition Methodology for filling vacant teaching and research positions in UBB - approved by Senate Decision no. 22338/03.12.2018, art.11  
([https://www.ubbcluj.ro/ro/infoubb/posturi\\_vacante/files/METODOLOGIE\\_concurs\\_ocupare\\_posturi\\_aprilie\\_2020.pdf](https://www.ubbcluj.ro/ro/infoubb/posturi_vacante/files/METODOLOGIE_concurs_ocupare_posturi_aprilie_2020.pdf))
  - the quality of author/ co-author of a number of 2 scientific papers indexed in recognized national databases

### **Application file**

In order to apply for the vacancy recruitment process, the applicants will submit to Registry of Babes-Bolyai University (M. Kogălniceanu Street no. 1) or will email to the following addresses: [lucian.baia@ubbcluj.ro](mailto:lucian.baia@ubbcluj.ro) și [pirv.delia@ubbcluj.ro](mailto:pirv.delia@ubbcluj.ro), **until 18.01.2022, at 12:00**, the following documents:

1. application for recruitment and selection process (standard form)
2. copy of the document proving the identity
3. copies of documents proving the level of qualification and other specialisations pursued (copies of the baccalaureate diploma, bachelor's degree and master's degree)
4. documents proving the professional experience required for the position, if applicable
5. curriculum vitae in Europass format
6. list of published papers
7. certificate attesting the candidate doctoral student status of the candidate or copy of the doctoral degree, other diplomas or scientific or academic titles
8. other relevant documents to the recruitment and selection process.

### **Application files selection**

Applicants' files will be reviewed within one working day from the end of the submission period in order to determine their suitability for the vacant post according to the specific criteria and requirements outlined in the published vacancy notice.

The results of the application files selection will be posted on (date) **19.01.2022**, by indicating the registration number of the application file.

Appeals against the results of the application files selection can be submitted within one working day from the date of posting the results, at (email address) [pirv.delia@ubbcluj.ro](mailto:pirv.delia@ubbcluj.ro). Appeals will be answered within one working day after the submission deadline.

Only shortlisted candidates following the reviewing of application files will participate in the selection tests.

### **Recruitment proceedings**

**1. Application files screening** according to the following criteria:

- scientific/professional activity of the candidate
- experience in the required field
- quality of scientific collaborations, depending on the candidate's field of expertise
- candidate participation in research-development projects
- other relevant criteria

**2. Interview** assessing the extent to which candidates meet the criteria that are necessary for successful performance in the position, motivation and readiness assessed according to the following criteria:

- professional knowledge
- abilities and skills required to perform the job
- candidate's motivation

**3. The practical test** consisting of:

- preparation and performance of the synthesis of some structures based on GO and respectively their structural and morphological analysis;
- structural and morphological analysis by XRD, XPS, SEM, (HR) TEM, TGA / DTA, zeta potential, FTIR of the GO-based structures obtained.

The interview and the practical test will take place on **27.01.2022**, starting at 10:00.

The participants will be informed in advance about the time and location of the interview and practical test.

The final score of the recruitment and selection process is calculated as the arithmetic mean of the scores obtained in the selection tests. The candidate who obtained the highest final score will be admitted, but applicants must score a minimum of 7 points in each competition test.

In case of equal final scores, ranking is performed by considering the interview score as a tiebreaker.

### **Results and appeals**

The results of the recruitment and selection process will be published on the official website of the institution on (date) **27.01.2022**, by indicating the registration number of the application file.

Candidates who are not satisfied with the outcome of their assessment will have the right to appeal within maximum one working day from the publishing of the results.

Appeals will be submitted at email address [pirv.delia@ubbcluj.ro](mailto:pirv.delia@ubbcluj.ro). Appeals will be answered within one working day after the submission deadline.

Additional information can be obtained at email address [lucian.baia@ubbcluj.ro](mailto:lucian.baia@ubbcluj.ro).

HR Director,  
ec. Mircea Rațiu

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