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#### **NOTICE**

### **BASIC INFORMATION**

Position available within the research project entitled: "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, code: PN-III-P1-1.2-PCCDI-2017-0350

Title\*: RESEARCH ASSISTANT

Researcher Profiles \*: (se bifează opțiunea dorită)

**Offer Description\*:** Research on the synthesis of graphene oxide (GO), functionalized graphite oxide (FGO) and composites of gypsum board, epoxy resin, polyvinyl chloride, polystyrene and particle board

First Stage Researcher (R1) Recognised Researcher (R2) Leading Researcher (R4) Established Researcher (R3) Research field Temporary Type of Contract\*: Full-time Job Status \*: **Hours Per Week\***: (8 hours/day) Application Deadline \*: 28.05.2018 **Envisaged Job Starting Date**: 20.06.2018 Is the job funded through a EU Research Framework Programme? \* Not funded by an EU programme -Is the Job related to staff position within a Research Infrastructure? (se bifează opțiunea) How to Apply \*: Internal Application form needed (.pdf files) (se bifează opțiunea, dacă este cazul)

### **HIRING INFO & WORK LOCATION**

Number of positions available\*: 1

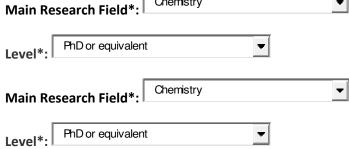
Company/Institute\*: Babeș-Bolyai University, Cluj-Napoca, Romania

**Department\*:** Department of Chemical Engineering, Faculty of Chemistry and Chemical Engineering

### **REQUIREMENTS**

Required Education Level (se completează unul sau mai multe câmpuri, după caz)

Chemistry



**Skills/Qualifications**: PhD or equivalent in Chemistry

# **Specific Requirements**

Required Languages (se completează unul sau mai multe câmpuri, după caz):

Documents required for the selection process:

- application form;
- letter of intent;
- criminal record;
- Medical certificate, issued by the family doctor, with the mention: Released to serve in the competition for the position of Chemist researcher within the project Graphene4life, code PN-III-P1-1.2-PCCDI-2017-0350, contract 38PCCDI from 01/03/2018;

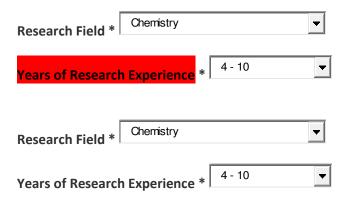
curriculum vitae;

- minimum copies of the baccalaureate diploma, the bachelor's degree in physics or chemistry, the master's degree and the doctor's degree;

- the list of academic papers, published in the specified field, with the impact factor and the number of citations for each paper;



Required Research Experience (se completează unul sau mai multe câmpuri, după caz)



# **ADDITIONAL INFO**

Website for additional job details: (câmp opțional)

Benefits: (câmp opțional)

Eligibility criteria: (câmp opțional)

### **Selection process:**

- a. Analysis of the candidate's file the absence of any required document leads to the removal of the candidate from the contest;
- b. Practical evidence of the knowledge of preparing and performing the synthesis of a composite polymer structure with GO;
- c Interview that consists of presenting in Power Point, in English, the research activity carried out so far and the evaluation of the knowledge in the field (Number of papers published on the topic of the research project, impact factor and number of citations/publication will be evaluated);

| Additional comments: you can submit the application at: lucian.baia@phys.ubbcluj.ro – Associate Professor, PhD. Lucian Baia; |
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