



MINISTERUL EDUCAȚIEI NAȚIONALE
BIBLIOTECA CENTRALĂ UNIVERSITARĂ „CAROL I”
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NATIONAL RESEARCH, DEVELOPMENT AND INNOVATION PLAN 2015-2020, PIII, P.1 Development of the national system for development and development, Subprogram 1.2. Institutional performance Institutional development projects-Complex projects realized in RD consortia

PROJECT NAME:

"Revitalizing Libraries and Cultural Heritage through Advanced Technologies" Lib2Life - project number PN-III-P1-1.2-PCCDI-2017-0689 /2018.

Code: PN-III-P1-1.2-PCCDI-2017

Grant Contract No: 69PCCDI / 2018

No. 244/26.08.2019

"Carol I" Central University Library Bucharest announces the competition for 1 position Scientific Research Assistant (PhD student), within the project entitled **"Revitalizing Libraries and Cultural Heritage through Advanced Technologies" Lib2Life - project number PN-III-P1-1.2-PCCDI-2017-0689 /2018.**

The job is available for the period: **13.09.2019 - 30.11.2020**, with the possibility of extension.

Job status: full-time, **8 hours/day**.

Pay: according to the approved budget and the legislation in force within the Research Component Project **"Analysis of old documents using non-destructive techniques"**

SUBPROJECT P1

Analysis of old documents using non-destructive techniques

The main purpose of the sub-project *Analysis of old documents through advanced non-destructive techniques* is the introduction of advanced technology in the field of restoration of heritage documents.

Within the project, the partner institutions aim to develop methods and protocols for document investigation based on non-destructive techniques: spectroscopy, FTIR microscopy, Raman, UV-Vis, fluorescence, XRF) or micro-destructive: ICP-MS coupled with laser ablation, but also protocols for the recovery of faded documents based on microscopy techniques.

The results of these analyzes will be used to standardize the physical support of the documents as well as the inks / pigments used so that besides the complete analysis of these documents, it is also possible to identify and place some documents in time and space with features still unknown.

The uniqueness of the project consists in the creation of an updated database, the first of its kind in Romania, bringing together the entire collection of analyzes that will help to identify the documents with unknown or uncertain features.

Beneficiaries of this database will be both institutions and individuals working with heritage documents, but also those institutions and individuals working with documents requiring an authenticity analysis (cadaster, forensics, law offices, or law firms).

The selected candidates will be employed on a full-time basis for the duration of the project, with the possibility of an extension of 2 years after the completion of the project.

The research assistants will work under Component 1 Project “*Analysis of old documents through advanced non-destructive techniques*” and will have the main task of implementing parts of the above-mentioned services.

A. JOB DESCRIPTION:

A.1. Job Title. Level of studies: Research Assistant.

A.2. Previous Experience -

A.3. Job's main objective: Fulfill the research and development activities of the project in order to achieve the objectives set at the highest quality standards

B. REQUIREMENTS:

B.1. Specialized academic studies:

- Graduate of long-term higher education (economic, socio-human, technical)

B.2. Expertise /Training: -

B.3. Computer literacy skills (necessity and expertise): Advanced level

B.4. Foreign languages (necessity and level of knowledge): English Advanced level (reading, writing, speaking)

B.5. Required Skills: PhD research skills

B.6. Specific work conditions:

- Office / laboratory work/documentary visits indoor
- The candidate should demonstrate both reading and writing proficiency in Romanian language;
- The candidate should have Romanian citizenship or to be citizen of an EU country

C. SPECIFIC RESPONSIBILITIES:

C.1. Carries out scientific research in the specific field of the project: *Analysis of old documents through advanced non-destructive techniques*;

C.2. Carries out research activities on specific documents from the 16th-18th centuries, from collections of the central university libraries in Romania;

C.3. Contributes to the development of scientific and technical documentation based on the results obtained;

C.4. Participates with other members in the reporting activities of the project;

C.5. Participates in project dissemination activities.

D. THE ENROLLMENT FILE

D.1. application for competition registration (no format required);

D.2. identity card copy;

D.3. birth certificate copy;

D.4. marriage certificate copy, if applicable;

D.5. copies of all (including) study papers, including enrollment sheets / diploma supplements;

D.6. medical certificate - apt employment;

D.7. Criminal record;

D.8. CV.

Further information can be obtained from resurse.umane@bcub.ro

The registration dossier with the related documentation is filed at "Carol I" Central University Library headquarters until **02.09.2019, 12:00**.

E. CONTEST STAGES:

E.1. file analysis (elimination phase)

E.2. written test

- Selection conditions: minimum grade for stage - 8
- Hierarchy of candidates: according to the final grade

F. TOPIC:

Special collections of libraries - a fundamental component of the national cultural heritage

G. References:

- ✦ **BĂDĂRĂ, Doru.** *Tiparul românesc la sfârșitul secolului al XVIII-lea și începutul secolului al XVIII-lea*. Brăila: Ed. Istros, 1998. 247 p.
- ✦ **GUIDELINES for Planning the Digitization of Rare Book and Manuscript Collections.** Available at: <https://www.ifla.org/files/assets/rare-books-and-manuscripts/rbms-guidelines/guidelines-for-planning-digitization.pdf>
- ✦ **STRATEGIA pentru cultură și patrimoniu național 2016-2022.** Available at: <http://www.cultura.ro/sites/default/files/inline-files/SCPN%202016-2022inavizare.pdf>
- ✦ **STRATEGII și proiecte instituționale: 2016-2020. Servicii electronice și conținut digital.** Available at: <https://docs.google.com/viewer?a=v&pid=sites&srcid=YmN1Yi5yb3xiaWJsaW90ZWVhX2NlbnRyYWxhX3VuaXZlcnNpdGFyYV9jYXJvbF9pX2I1Y3VyZXN0aXxneDoyYmJmMTcyMzNkMDliZjg0>
- ✦ **NEW MEDIA CONSORTIUM.** *Horizon Report. 2017 Library Edition.* Available at: <http://cdn.nmc.org/media/2017-nmc-horizon-report-library-EN.pdf>

The contest will take place on **09 th of september 2019, 12.00 am**, in the Council Hall, "Carol I" Central Library Bucharest, Boteanu 1 Street.