

PROFESSIONAL ORIENTATION FOR GRADUATES OF THE NANOSCIENCE AND MATERIALS TECHNOLOGIES DOCTORAL PROGRAM

Professional opportunities for a PhD graduate from the PhD Program in Nanoscience and Materials Technologies are wide and varied. In general, you can choose to continue your research career in prestigious research centers, which can be national or international Universities or Research Centers, with research contracts or through teaching positions at the University, or you can join R+D+i departments in companies related to your lines of research.

In order to opt for contracts associated with calls from public entities, it is of interest to review, among others, the website of the Ministry of Universities (<https://www.universidades.gob.es/>), in its Scholarships, Grants and Awards section, as well as the page of the State Research Agency in its Human Resources tab (<https://www.aei.gob.es/tipo-ayuda/recursos-humanos>) or the website of the European Commission (EURAXESS | (europa.eu)), in its section of Jobs and Funding, for example the Marie Skłodowska-Curie Actions, which have a high prestige, offer a specific call for postdoctoral positions (<https://marie-sklodowska-curie-actions.ec.europa.eu/actions/postdoctoral-fellowships>). These calls are usually quite competitive, so it is necessary during the doctorate to pay attention to gather the necessary merits.

On the other hand, you can access specific positions for postdoctoral researchers that are offered at prestigious universities or research centers, associated with national or international projects, or other sources of funding. To find out about these opportunities, it is important that doctors work on their communication networks during the thesis, that they become members of national and international societies related to the specific research topic, that they create profiles in professional networks such as Linked-in and others, etc. In turn, there are various web pages where many of these calls are collected, some associated with publishers or magazines, highlighting, for example, Nature Careers (<https://www.nature.com/naturecareers/>) where offers are collected at different levels of training, including postdoctoral positions, or Science Jobs (<https://www.sciencejobs.org>). Pre-doctoral research stays usually open the door to postdoctoral contracts at the host center once the thesis is finished, so it is of interest to carry out these stays and maintain collaboration with the center in question once it is finished. Attending conferences during

the last year of the Thesis can also put the student in contact with researchers from other centers who may be interested in offering them a postdoctoral contract. In addition, information on offers of postdoctoral contracts can be obtained on the web page of the universities or research centers that are of interest. A list of web pages that may be of interest is included at the end of this document.

Incorporation in the teaching staff of the Universities is an additional option that doctors graduated from the Nanoscience Doctorate Program can opt for. In this case, it is useful to review the merits included in the scales for the different teaching staff, analyze the necessary accreditations, etc., and do so in advance to ensure that you have a competitive CV in this field. Teaching during the doctorate (in contracts that allow it) usually helps in this case, as well as taking courses related to teaching, in addition to the merits directly related to research.

In addition, it is important to find out about the companies related to the research lines of the Thesis that have R+D+i departments. These companies usually hire a number of doctors to supervise the research that is carried out in them. This information can be obtained on the website of the companies in question. It is important that, during the doctorate, the student makes contact with the companies in their environment, through industrial doctorates, joint university-company research projects, or transfer actions, which can help them to join said companies. On the other hand, it is interesting to consider the call associated with the Torres Quevedo Program of the Ministry of Science and Research (<https://www.aei.gob.es/convocatorias/buscador-convocatorias/ayudas-contratos-torres-quevedo-ptq-2022>), which establishes aid for companies to hire doctors. In addition, within this call, there is a tool called "Bridge System" that facilitates contact between doctoral candidates and international companies/entities.

In the different options available to graduated Doctors, it is important that they turn to both their Thesis directors and the components of the Academic Committee of the Doctoral Program, for personalized advice in relation to their professional future, preferably before having finished their doctorate, to initiate actions that can help them enter the professional world.

Below is a list of web pages where job offers of interest to graduates of the Nanoscience PhD Program can be found, but the student is encouraged to search for additional information.

[https://urldefense.com/v3/https://euraxess.ec.europa.eu/;!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhaaEA4NJYwYw0xEKcTOvqt1mzDlr8ScrbU\\$](https://urldefense.com/v3/https://euraxess.ec.europa.eu/;!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhaaEA4NJYwYw0xEKcTOvqt1mzDlr8ScrbU$)



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doctorado.nanociencia@uca.es
<http://bit.ly/2nAo8xX>

[https://urldefense.com/v3/https://jobs.jobvite.com/inl/jobs_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl8bz8oOs\\$](https://urldefense.com/v3/https://jobs.jobvite.com/inl/jobs_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl8bz8oOs$)
[https://urldefense.com/v3/https://globalacademyjobs.com/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDlGwheMtY\\$](https://urldefense.com/v3/https://globalacademyjobs.com/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDlGwheMtY$)

[https://urldefense.com/v3/https://www.jobs.ac.uk/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDlnw1e7ZA\\$](https://urldefense.com/v3/https://www.jobs.ac.uk/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDlnw1e7ZA$)

[https://urldefense.com/v3/https://www.jobs.ac.uk/search/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl8soBqMo\\$](https://urldefense.com/v3/https://www.jobs.ac.uk/search/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl8soBqMo$)

[https://urldefense.com/v3/https://app.jobvite.com/login/login.html_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDltIpOA44\\$](https://urldefense.com/v3/https://app.jobvite.com/login/login.html_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDltIpOA44$)

[https://urldefense.com/v3/https://refline.ch/de/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl-xEp0tY\\$](https://urldefense.com/v3/https://refline.ch/de/!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl-xEp0tY$)

<https://www.rediris.es/list/info/ofere-trabec.html>

[https://urldefense.com/v3/https://www.euremicsoc.org/en/european-microscopy/job-info/job-offers_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDleVMVXMw\\$](https://urldefense.com/v3/https://www.euremicsoc.org/en/european-microscopy/job-info/job-offers_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDleVMVXMw$)

[https://urldefense.com/v3/https://my.corehr.com/pls/uoxrecruit/erq_search_package_search_form?p_company=10&p_internal_external=E_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDlzsZ-lQk\\$](https://urldefense.com/v3/https://my.corehr.com/pls/uoxrecruit/erq_search_package_search_form?p_company=10&p_internal_external=E_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDlzsZ-lQk$)



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[https://urldefense.com/v3/_https://www.researchgate.net/jobs_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDltUi0mOM\\$](https://urldefense.com/v3/_https://www.researchgate.net/jobs_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDltUi0mOM$)

[https://urldefense.com/v3/_https://www.chalmers.se/en/about-chalmers/vacancies/_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl1mEGSRA\\$](https://urldefense.com/v3/_https://www.chalmers.se/en/about-chalmers/vacancies/_!!D9dNQwwGXtA!V6zZwaOZ5TE2ULWXXShkz1cq8H0m68Y3uXUza2Z1-gjA15ZTs6TwhhaaEA4NJYWYw0xEKcTOvqt1mzDl1mEGSRA$)