



College Management Unit:	College of Engineering and Architecture
School Unit:	Architecture, Planning and Environmental Policy
Post Title & Subject Area (if relevant)	UCD Post-doctoral Researcher Level 2
Project:	<i>Architectures of Coal Mining and Modern Europe (ACME)</i> (European Research Council (ERC) Advanced Grant)
Post Duration:	36 months
Line Manager	Professor Gary A. Boyd (Full Professor)
Competition Ref. N^o	018346
HR Administrator	Julie Breen

Position Summary:

Applications are invited for a Post-doctoral Researcher Level 2 in the European Research Council (ERC) funded project *Architecture of Coal and Modern Europe (ACME)* led by Professor Gary A. Boyd (PI).

As Europe moves away from coal, it is closing the door on an industry that fuelled the continent for centuries but left deep environmental scars. Coal mining has polluted landscapes, contributed to climate change and affected countless lives. Yet, while its damage is undeniable, coal’s history also includes lesser-known and complex legacies. Funded by the European Research Council (ERC) Advanced Grant, *Architectures of Coal Mining and Modern Europe (ACME)* explores how coal mining shaped architecture, creating innovative networks and systems. By examining former architectures of coal in Belgium, France, Poland and the United Kingdom, the project re-evaluates these structures as ‘ecologies’ that influenced Europe’s social landscape, including the welfare state and early EU foundations. This fresh perspective highlights the unexpected role of coal mining and its architecture in Europe’s modern development and seeks to provide a crucial new piece of intellectual infrastructure with which to rethink the critical intimacies, between our energy sources, cultural and social lives and built environment, that have contributed to the Anthropocene.

The ERC is widely recognised as Europe’s most prestigious research grant, supporting excellent researchers in carrying out ground-breaking, ambitious, frontier research projects.

ACME is divided into 5 X Work Packages (WPs). Under the direction of the PI and amongst other duties within the project team, the successful candidates will be expected to contribute principally to the exploration of the architectures of coal within the themes and topics suggested in either: WP 2 – *medical and hygiene*; WP 3 – *education and exchange*; or WP 4 – *the modernised industry*.

Candidates should indicate which WP or WPs they are interested in working within.

This is an advanced research focused role, building on your prior experience as a post-doctoral fellow, where you will conduct a specified programme of research supported by research training under the supervision and direction of a Principal Investigator.

The primary purpose of the role is to develop new or advanced research skills and competences, on the processes of publication in peer-reviewed academic publications and scholarly dissemination, the development of funding proposals, and the supervision and mentorship of graduate students along with the opportunity to develop your skills in research led teaching.

This role will require the post-holder to occasionally attend meetings and other research activities which will involve



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some travel and overnight stays across Europe.

In addition to the Principal Duties and Responsibilities listed below, the successful candidate will also carry out the following duties specific to this project:

- Work within the research team and under the direction of the PI to contribute to the project's wider goals and activities, including contributing to the organisation of the project's conference.
- Contribute to the project's digital archive platform (ACME-DAP) and the project's other communications strategies.

Particular to this position:

It is mandatory that candidates submit the following documents as part of their application:

- A cover letter outlining your suitability for the post
- Curriculum Vitae (CV)
- Candidates should indicate which WP or WPs they are interested in working within.

Principal Duties and Responsibilities:

- Conduct a specified programme of research and scholarship under the supervision and direction of your Principal Investigator.
- Engage in appropriate training and professional development opportunities as required by your Principal Investigator, your School or Institute, or the University.
- Support your Principal Investigator and research group in the design and development of the research programme.
- Support if required, the development of proposals for research funding.
- Engage in the dissemination of the results of the research in which you are engaged as directed by and with the support of and under the supervision of your Principal Investigator.
- Engage in the wider research and scholarly activities of your research group, School and Institute.
- Take responsibility as requested for day-to-day advice and support of graduate research students associated with your research group.
- Mentor and assist, as appropriate and as directed, the research graduate students in your group, School and Institute.
- Carry out administrative and management work associated with your programme of research.

PD2 Salary: €52,715 - €57,332 per annum

Appointment on the above range will be dependent on qualifications and experience

Details on eligibility to compete and pension information is available at

<https://www.ucd.ie/hr/resourcing/eligibilitytocompete/>

UCD is committed to creating an inclusive environment where diversity is celebrated and everyone is afforded equality of opportunity. We welcome applications from everyone, including those who identify with any of the protected characteristics that are set out in our Equality, Diversity and Inclusion policy. Learn more about Diversity at

<https://www.ucd.ie/workatucd/diversity/>



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Reasonable accommodations will be provided to any applicant during the interview process who discloses they have a disability or are neurodiverse.

Selection Criteria

Selection criteria outline the qualifications, skills, knowledge and/or experience that the successful candidate would need to demonstrate for successful discharge of the responsibilities of the post. Applications will be assessed on the basis of how well candidates satisfy these criteria.

Mandatory:

Additional mandatory criteria can be included by the PI as required

- PhD in (insert relevant discipline(s)): architecture; history of architecture; archaeology; geography; history, planning, energy humanities
- 2/3 years postdoctoral research experience
- Demonstrated understanding of operational requirements for a successful research project and managing resources
- Knowledge and application of the principles underpinning successful grant application
- Ability to identify and fulfil the academic writing requirements for target publications
- Proven record of working with team members to help build their research skill and knowledge and to support and guide their professional development
- Ability to realise new ideas and links, and build upon existing ideas to generate unique concepts and solutions
- Candidates must demonstrate an awareness of equality, diversity and inclusion agenda.
- Experience of teaching, and willingness to teach.
- Willingness to submit funding applications.

The PD2 post is intended for researchers that have completed PD1. As with the PD1, if you have already completed your PD2 stage in UCD or will soon complete a PD2, or your total Postdoctoral experience, inclusive of the duration of the advertised post, would exceed 6 years, you should not apply and should refer to Research Scientist posts instead

Desirable:

Additional desirable criteria can be included by the PI as required

- Research experience in design and spatial disciplines, and/or energy humanities.
- Experience in using digital tools to create architectural drawings and/or map architectural and spatial phenomena across a series of scales.
- Working knowledge of French, German, or Polish languages.



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- Demonstrated understanding of the value of academic and commercial information e.g. Non-disclosure agreements
- Knowledge of IP processes and knows how to protect findings

Supplementary information:

The University:	https://www.ucd.ie/
UCD Strategy 2030: Breaking Boundaries	https://strategy.ucd.ie/
The College/Management Unit:	https://www.ucd.ie/eacollege/
The School/Programme Office/Unit:	https://www.ucd.ie/apep/
Equality Diversity and Inclusion at UCD	https://www.ucd.ie/workatucd/diversity/
Other (Please specify):	https://cordis.europa.eu/project/id/101140713

UCD offers a comprehensive **Research Careers Framework** in line with the Advisory Science Council Report '*Towards a Framework for Researcher Careers*'. This model provides a structured and supportive **Career and Skills Development** system designed to ensure that Post-docs in UCD are able to plan their careers and prepare for future opportunities in academia, industry or the public sector. For more information, please [click here](#)

Informal Enquiries ONLY to:

Name:	Gary A. Boyd
Title:	Professor and PI <i>Architectures of Coal and Modern Europe</i> (ACME)
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