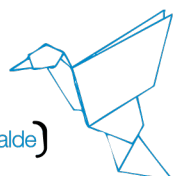


Postdoctoral Fellowship in Applied Statistics in Modelling environmental effects on Health

Job Offer	
Topics:	In the framework of the BCAM “Mathematical Modelling Applied to Health” strategy, a series of projects in the field will be launched in different areas of Applied Mathematics. The “Applied Statistics” research line at the BCAM looks for candidates to work on projects related to statistical modelling of environmental factors related to respiratory (acute and chronic) health effects of air pollution.
PI in charge:	Dae-Jin Lee
Salary and conditions:	<p>The gross annual salary of the Fellowship will be 28.000 - 32.000€.</p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>There is a moving allowance for those researchers that come from a research institution outside the Basque Country up to EUR 2.000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p>
Contract and offer:	1+1 year contract
Deadline:	December 28th 2021 14:00 CET January 13th 2022 14:00 CET
How to apply:	Applications must be submitted on-line at: http://www.bcamath.org/en/research/job

Scientific Profile Requested	
Requirements:	<ul style="list-style-type: none"> Promising young researchers. Applicants must have their PhD completed before the contract starts. PhD degree preferable in Mathematics, Statistics, Environmental Sciences or related fields.
Skills and track-record:	<ul style="list-style-type: none"> Good interpersonal skills.

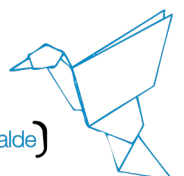




	<ul style="list-style-type: none"> • A proven track record in quality research, as evidenced by research publications in top scientific journals and conferences. • Demonstrated ability to work independently and as part of a collaborative research team. • Ability to present and publish research outcomes in spoken (talks) and written (papers) form. • Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. • Fluency in spoken and written English.
Scientific Profile:	<p>The preferred candidate will have:</p> <ul style="list-style-type: none"> • Strong background in mathematics/probability/statistics. • Background in Spatial Modelling, spatio-temporal data, environmental data modelling, Bayesian statistical modelling and inference, semi-parametric regression, distributed lagged-effects models, GAMs. • Good programming skills in R, Python and/or C/C++. • Interest and disposition to work in interdisciplinary groups.

Application and Selection Process

Formal Requirements:	<p>The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job</p> <p>The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.</p>
Application:	<p>Required documents:</p> <ul style="list-style-type: none"> ▪ CV. ▪ Letter of interest. ▪ 2 recommendation letters (compulsory). ▪ Statement of past and proposed future research (2-3 pages)
Evaluation:	<p>Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (papers, proceedings, etc.), the statement of past and proposed future research and other</p>



	merits; taking in account the alignment of these items to the topic offered.
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Incorporation:	Beginning of 2022 or as soon as possible thereafter. <i>The BCAM postdoctoral contract will start when the selected candidate has finished the PhD, i.e. after dissertation defence.</i>
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